

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptaask1751

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 02	LMEDLINE coverage updated
NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAPLUS enhanced with utility model patents from China
NEWS	6	JUL 16	CAPLUS enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAPLUS patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	11	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	12	AUG 13	CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS	13	AUG 20	CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS	14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	15	AUG 27	USPATOLD now available on STN
NEWS	16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	18	SEP 13	FORIS renamed to SOFIS
NEWS	19	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	20	SEP 17	CA/CAPLUS enhanced with printed CA page images from 1967-1998
NEWS	21	SEP 17	CAPLUS coverage extended to include traditional medicine patents
NEWS	22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	23	OCT 02	CA/CAPLUS enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	24	OCT 19	BEILSTEIN updated with new compounds
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:22:51 ON 30 OCT 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:23:01 ON 30 OCT 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 28 OCT 2007 HIGHEST RN 951754-22-6

DICTIONARY FILE UPDATES: 28 OCT 2007 HIGHEST RN 951754-22-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s 1,1,1,2-pentafluoropropene

896 1,1,1,2

28 PENTAFLUOROPROPENE

L1 0 1,1,1,2-PENTAFLUOROPROPENE

(1,1,1,2(W) PENTAFLUOROPROPENE)

=> s 1,1,1,2-pentafluoropropylene

896 1,1,1,2

12 PENTAFLUOROPROPYLENE

L2 0 1,1,1,2-PENTAFLUOROPROPYLENE

(1,1,1,2(W) PENTAFLUOROPROPYLENE)

=> s hfo-1234

43 HFO

2 HFOS

45 HFO

(HFO OR HFOS)

2860 1234

L3 0 HFO-1234

(HFO(W)1234)

=> s pentafluoropropene

L4 28 PENTAFLUOROPROPENE

=> d 14 1

L4 ANSWER 1 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN

RN 308066-54-8 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may

result in incomplete search results. For additional information, enter HELP
RN* at an online arrow prompt (=>).

ED Entered STN: 12 Dec 2000
CN Rubber, synthetic, pentafluoropropene-vinylidene fluoride (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Fluoro rubber, pentafluoropropene-vinylidene fluoride
OTHER NAMES:
CN Pentafluoropropene-vinylidene fluoride synthetic rubber
CN Pentafluoropropylene-vinylidene fluoride rubber
CN Tecnoflon 3A
CN Tecnoflon SH
CN Tecnoflon SL
MF Unspecified
CI MAN, CTS
SR CA

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> s 14 2
MISSING OPERATOR

=> d 14 2

L4 ANSWER 2 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 308066-53-7 REGISTRY *
* Use of this CAS Registry Number alone as a search term in other STN files may
result in incomplete search results. For additional information, enter HELP
RN* at an online arrow prompt (=>).
ED Entered STN: 12 Dec 2000
CN Rubber, synthetic, pentafluoropropene-tetrafluoroethylene-vinylidene
fluoride (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Fluoro rubber, pentafluoropropene-tetrafluoroethylene-vinylidene
fluoride
OTHER NAMES:
CN Pentafluoropropene-tetrafluoroethylene-vinylidene fluoride synthetic
rubber
CN Pentafluoropropylene-tetrafluoroethylene-vinylidene fluoride rubber
CN Tecnoflon T
CN Tecnoflon TN 80
MF Unspecified
CI MAN, CTS
SR CA

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

=> d 14 3

L4 ANSWER 3 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 259152-52-8 REGISTRY
ED Entered STN: 14 Mar 2000
CN 1-Propene, 1,1,3,3,3-pentafluoro-, polymer with 1,1-difluoroethene,
tetrafluoroethene and trifluoro(trifluoromethoxy)ethene (9CI) (CA INDEX
NAME)
OTHER CA INDEX NAMES:
CN Ethene, 1,1-difluoro-, polymer with 1,1,3,3,3-pentafluoro-1-propene,
tetrafluoroethene and trifluoro(trifluoromethoxy)ethene (9CI)
CN Ethene, tetrafluoro-, polymer with 1,1-difluoroethene,
1,1,3,3,3-pentafluoro-1-propene and trifluoro(trifluoromethoxy)ethene
(9CI)
CN Ethene, trifluoro(trifluoromethoxy)-, polymer with 1,1-difluoroethene,

1,1,3,3,3-pentafluoro-1-propene and tetrafluoroethene (9CI)

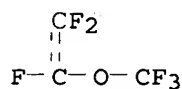
OTHER NAMES:

CN 1,1,3,3,3-Pentafluoropropene-perfluoro(methyl vinyl
ether)-tetrafluoroethylene-vinylidene fluoride copolymer
CN 2-Hydropentafluoropropylene-perfluoro(methyl vinyl) ether-
tetrafluoroethylene-vinylidene fluoride copolymer
CN 2H-Pentafluoropropene-perfluoro(methyl vinyl ether)-
tetrafluoroethylene-vinylidene fluoride copolymer
MF (C3 H F5 . C3 F6 O . C2 H2 F2 . C2 F4)x
CI PMS
PCT Fluoropolymer, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

CRN 1187-93-5

CMF C3 F6 O



CM 2

CRN 690-27-7

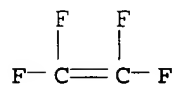
CMF C3 H F5



CM 3

CRN 116-14-3

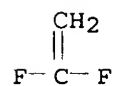
CMF C2 F4



CM 4

CRN 75-38-7

CMF C2 H2 F2



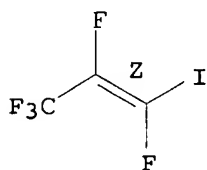
6 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 14 4-28

L4 ANSWER 4 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 102682-81-5 REGISTRY
 ED Entered STN: 14 Jun 1986
 CN 1-Propene, 1,2,3,3,3-pentafluoro-1-iodo-, (1Z)- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propene, 1,2,3,3,3-pentafluoro-1-iodo-, (Z)-
 OTHER NAMES:
 CN (Z)-1,2,3,3,3-Pentafluoro-1-iodo-1-propene
 CN (Z)-1-Iodopentafluoropropene
 FS STEREOSEARCH
 MF C3 F5 I
 SR CA
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX
 (*File contains numerically searchable property data)

Double bond geometry as shown.



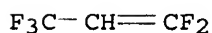
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

22 REFERENCES IN FILE CA (1907 TO DATE)
 22 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 5 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 76341-25-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene and 1,1,3,3,3-pentafluoro-1-propene (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propene, 1,1,3,3,3-pentafluoro-, polymer with 1,1-difluoroethene and 1,1,2,3,3,3-hexafluoro-1-propene (9CI)
 CN Ethene, 1,1-difluoro-, polymer with 1,1,2,3,3,3-hexafluoro-1-propene and 1,1,3,3,3-pentafluoro-1-propene (9CI)
 OTHER NAMES:
 CN Hexafluoropropene-1,1,3,3,3-pentafluoropropene-vinylidene fluoride copolymer
 MF (C3 H F5 . C3 F6 . C2 H2 F2)x
 CI PMS
 PCT Fluoropolymer, Polyvinyl
 LC STN Files: CA, CAPLUS

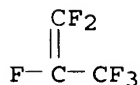
CM 1

CRN 690-27-7
 CMF C3 H F5



CM 2

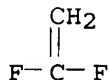
CRN 116-15-4
 CMF C3 F6



CM 3

CRN 75-38-7

CMF C2 H2 F2



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 6 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN

RN 67899-41-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzene, pentafluoro(1,1,2,3,3-pentafluoro-2-propenyl)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3-(Perfluorophenyl)pentafluoropropene

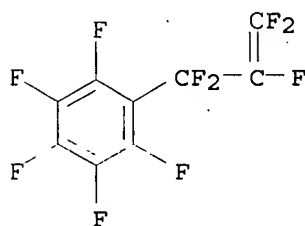
CN Perfluoroallylbenzene

MF C9 F10

CI COM

LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CSChem, GMELIN*

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

19 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 7 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN

RN 53841-60-4 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1-Propen-2-ol, 1,1,3,3,3-pentafluoro-, 2-benzoate (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propen-2-ol, 1,1,3,3,3-pentafluoro-, benzoate (9CI)

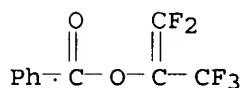
OTHER NAMES:

CN 1,1,3,3,3-Pentafluoro-2-propenyl benzoate

CN 2-(Benzoyloxy)pentafluoropropene

CN 2-(Benzoyloxy)perfluoropropene

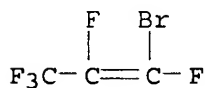
DR 116019-91-1
 MF C10 H5 F5 O2
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

28 REFERENCES IN FILE CA (1907 TO DATE)
 28 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 8 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 53692-47-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1-bromo-1,2,3,3,3-pentafluoro- (CA INDEX NAME)
 OTHER NAMES:
 CN 1-Bromo-1,2,3,3,3-pentafluoropropene
 MF C3 Br F5
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CHEMCATS, USPATFULL
 (*File contains numerically searchable property data)

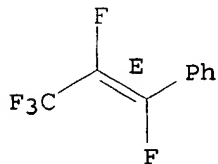


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

8 REFERENCES IN FILE CA (1907 TO DATE)
 8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 9 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 41500-48-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Benzene, [(1E)-1,2,3,3,3-pentafluoro-1-propen-1-yl]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzene, (1,2,3,3,3-pentafluoro-1-propenyl)-, (E)-
 CN Benzene, [(1E)-1,2,3,3,3-pentafluoro-1-propenyl]- (9CI)
 OTHER NAMES:
 CN (E)-1-Phenylperfluoroprop-1-ene
 CN trans-1-Phenylpentafluoropropene
 FS STEREOSEARCH
 MF C9 H5 F5
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, IFICDB, IFIPAT, IFIUDB, USPATOLD
 (*File contains numerically searchable property data)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

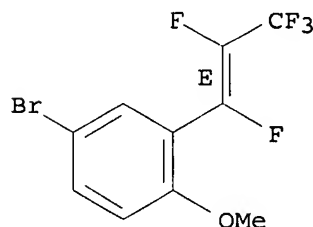
17 REFERENCES IN FILE CA (1907 TO DATE)
17 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 10 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 41424-74-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzene, 4-bromo-1-methoxy-2-(1,2,3,3,3-pentafluoro-1-propenyl)-, (E)-
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN trans-1-(5-Bromo-2-methoxyphenyl)pentafluoropropene
FS STEREOSEARCH
MF C10 H6 Br F5 O
LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATOLD
(*File contains numerically searchable property data)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

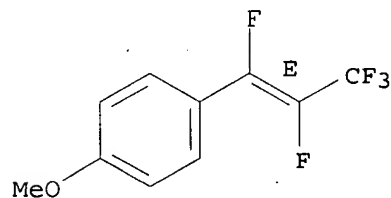
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 11 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 41424-73-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzene, 1-methoxy-4-(1,2,3,3,3-pentafluoro-1-propenyl)-, (E)- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN trans-1-(p-Methoxyphenyl)pentafluoropropene
FS STEREOSEARCH
MF C10 H7 F5 O
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, IFICDB, IFIPAT, IFIUDB, USPATOLD
(*File contains numerically searchable property data)

Double bond geometry as shown.



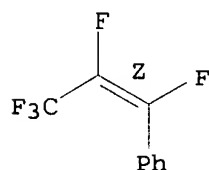
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)

8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 12 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 41424-70-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Benzene, [(1Z)-1,2,3,3,3-pentafluoro-1-propen-1-yl]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Benzene, (1,2,3,3,3-pentafluoro-1-propenyl)-, (Z)- (9CI)
 OTHER NAMES:
 CN (Z)-1-Phenylperfluoroprop-1-ene
 CN cis-1-Phenylpentafluoropropene
 FS STEREOSEARCH
 MF C9 H5 F5
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, IFICDB,
 IFIPAT, IFIUDB, USPATOLD
 (*File contains numerically searchable property data)

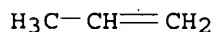
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

15 REFERENCES IN FILE CA (1907 TO DATE)
 15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 13 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 37145-46-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, pentafluoro- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, pentafluoro- (6CI)
 OTHER NAMES:
 CN Pentafluoropropene
 MF C3 H F5
 CI IDS, COM
 LC STN Files: CA, CAOLD, CAPLUS, CSNB, TOXCENTER, USPAT2, USPATFULL,
 USPATOLD



5 (D1-F)

32 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 32 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 14 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 32552-63-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1,2,3,3,3-pentafluoro-, polymer with 1,1-difluoroethene (9CI)
 (CA INDEX NAME)

OTHER CA INDEX NAMES:

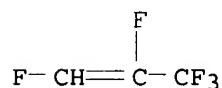
CN Ethene, 1,1-difluoro-, polymer with 1,2,3,3,3-pentafluoro-1-propene (9CI)
 CN Propene, 1,2,3,3,3-pentafluoro-, polymer with 1,1-difluoroethylene (8CI)

OTHER NAMES:

CN 1,2,3,3,3-Pentafluoropropene-vinylidene fluoride polymer
 CN 1,2,3,3,3-Pentafluoropropylene-vinylidene fluoride copolymer
 CN 1,2,3,3,3-Pentafluoropropylene-vinylidene fluoride polymer
 CN 1-Hydropentafluoropropene-vinylidene fluoride copolymer
 CN 1-Hydropentafluoropropene-vinylidene fluoride polymer
 CN 1-Hydropentafluoropropylene-vinylidene fluoride copolymer
 DR 52235-91-3
 MF (C3 H F5 . C2 H2 F2)x
 CI PMS
 PCT Fluoropolymer, Polyvinyl
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL,
 USPATOLD

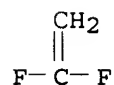
CM 1

CRN 2252-83-7
 CMF C3 H F5



CM 2

CRN 75-38-7
 CMF C2 H2 F2



20 REFERENCES IN FILE CA (1907 TO DATE)
 20 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 15 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 29830-35-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1,2,3,3,3-pentafluoro-, polymer with 1,1-difluoroethene and
 tetrafluoroethene (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethene, 1,1-difluoro-, polymer with 1,2,3,3,3-pentafluoro-1-propene and
 tetrafluoroethene (9CI)
 CN Ethene, tetrafluoro-, polymer with 1,1-difluoroethene and
 1,2,3,3,3-pentafluoro-1-propene (9CI)
 CN Ethylene, 1,1-difluoro-, polymer with 1,2,3,3,3-pentafluoropropene
 and tetrafluoroethylene
 CN Ethylene, tetrafluoro-, polymer with 1,1-difluoroethylene and
 1,2,3,3,3-pentafluoropropene
 CN Propene, 1,2,3,3,3-pentafluoro-, polymer with 1,1-difluoroethylene and
 tetrafluoroethylene (8CI)

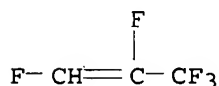
OTHER NAMES:

CN 1,2,3,3,3-Pentafluoropropene-tetrafluoroethylene-vinylidene fluoride
 polymer
 CN 1-Hydropentafluoropropene-tetrafluoroethylene-vinylidene fluoride
 polymer

CN Pentafluoropropene-tetrafluoroethylene-vinylidene fluoride polymer
 MF (C3 H F5 . C2 H2 F2 . C2 F4)x
 CI PMS
 PCT Fluoropolymer, Polyvinyl
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATFULL, USPATOLD

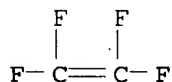
 CM 1

 CRN 2252-83-7
 CMF C3 H F5



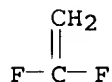
CM 2

 CRN 116-14-3
 CMF C2 F4



CM 3

 CRN 75-38-7
 CMF C2 H2 F2



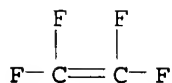
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14 REFERENCES IN FILE CA (1907 TO DATE)
 14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 16 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 29695-78-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Propene, 3-chloropentafluoro-, polymer with tetrafluoroethylene (8CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ethylene, tetrafluoro-, polymer with 3-chloropentafluoropropene (8CI)
 MF (C3 Cl F5 . C2 F4)x
 CI PMS
 PCT Fluoropolymer, Polyvinyl
 LC STN Files: CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATOLD

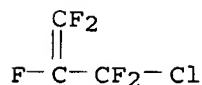
 CM 1

 CRN 116-14-3
 CMF C2 F4



CM 2

CRN 79-47-0
CMF C3 Cl F5



1 REFERENCES IN FILE CA (1907 TO DATE)

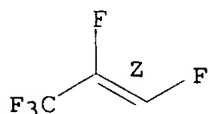
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 17 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 26006-55-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Propene, 1,2,3,3,3-pentafluoro-, (Z)-, polymer with fluoroethylene (8CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethylene, fluoro-, polymer with (Z)-1,2,3,3,3-pentafluoropropene
(8CI)
FS STEREOSEARCH
MF (C3 H F5 . C2 H3 F)x
CI PMS
PCT Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS

CM 1

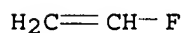
CRN 5528-43-8
CMF C3 H F5

Double bond geometry as shown.



CM 2

CRN 75-02-5
CMF C2 H3 F



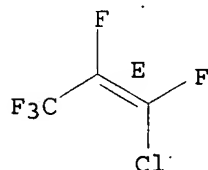
2 REFERENCES IN FILE CA (1907 TO DATE)

2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 18 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 14003-62-4 REGISTRY

ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1-chloro-1,2,3,3,3-pentafluoro-, (E)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 1-chloropentafluoro-, (E)- (8CI)
 OTHER NAMES:
 CN trans-1-Chloropentafluoropropene
 FS STEREOSEARCH
 MF C3 Cl F5
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS
 (*File contains numerically searchable property data)

Double bond geometry as shown.

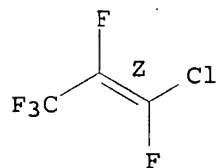


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 19 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 14003-57-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1-chloro-1,2,3,3,3-pentafluoro-, (Z)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 1-chloropentafluoro-, (Z)- (8CI)
 OTHER NAMES:
 CN cis-1-Chloropentafluoropropene
 FS STEREOSEARCH
 MF C3 Cl F5
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
 (*File contains numerically searchable property data)

Double bond geometry as shown.



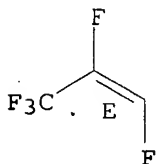
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 20 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 5595-10-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1,2,3,3,3-pentafluoro-, (1E)- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propene, 1,2,3,3,3-pentafluoro-, (E)-
 CN Propene, 1,2,3,3,3-pentafluoro-, (E)- (8CI)
 OTHER NAMES:

CN (E)-1,2,3,3,3-Pentafluoropropene
CN HFC 1225yeE
CN R 1225YeE
FS STEREOSEARCH
MF C3 H F5
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, USPATFULL
(*File contains numerically searchable property data)

Double bond geometry as shown.

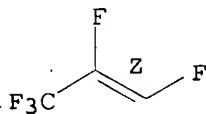


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

23 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
24 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 21 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 5528-43-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,2,3,3,3-pentafluoro-, (1Z)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propene, 1,2,3,3,3-pentafluoro-, (Z)-
CN Propene, 1,2,3,3,3-pentafluoro-, (Z)- (8CI)
OTHER NAMES:
CN (Z)-1,2,3,3,3-Pentafluoropropene
CN cis-1,2,3,3,3-Pentafluoro-1-propene
CN HFO 1225yez
FS STEREOSEARCH
MF C3 H F5
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(*Enter CHEMLIST File for up-to-date regulatory information)

Double bond geometry as shown.

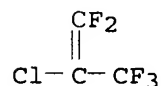


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

19 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
20 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 22 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
RN 2804-50-4 REGISTRY

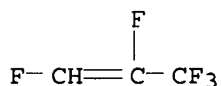
ED Entered STN: 16 Nov 1984
 CN 1-Propene, 2-chloro-1,1,3,3,3-pentafluoro- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 2-chloro-1,1,3,3,3-pentafluoro- (4CI)
 CN Propene, 2-chloropentafluoro- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 2-Chloro-1,1,3,3,3-pentafluoropropene
 CN 2-Chloropentafluoro-1-propene
 CN 2-Chloropentafluoropropene
 CN 2-Chloroperfluoropropene
 CN CFC 1215xc
 MF C3 Cl F5
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM,
 GMELIN*, IFICDB, IFIUIDB, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL,
 USPATOLD
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

62 REFERENCES IN FILE CA (1907 TO DATE)
 62 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 17 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 23 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 2252-83-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1,2,3,3,3-pentafluoro- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 1,2,3,3,3-pentafluoro- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 1,1,1,2,3-Pentafluoropropene
 CN 1,2,3,3,3-Pentafluoropropene
 CN 1H-Pentafluoropropene
 CN HFC 1225ye
 CN R.1225Ye
 MF C3 H F5
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM,
 IFICDB, IFIUIDB, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

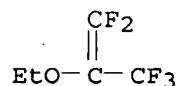


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

47 REFERENCES IN FILE CA (1907 TO DATE)
 47 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 7 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 24 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 2247-94-1 REGISTRY
 ED Entered STN: 16 Nov 1984

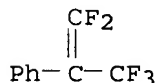
CN 1-Propene, 2-ethoxy-1,1,3,3,3-pentafluoro- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ether, 2,2-difluoro-1-(trifluoromethyl)vinyl ethyl (7CI, 8CI)
 OTHER NAMES:
 CN 2-Ethoxy-1,1,3,3,3-pentafluoropropene
 CN Ethyl pentafluoroisopropenyl ether
 MF C5 H5 F5 O
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, IFICDB, IFIPAT, IFIUDB,
 USPATFULL, USPATOLD
 (*File contains numerically searchable property data)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

17 REFERENCES IN FILE CA (1907 TO DATE)
 17 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 25 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 1979-51-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Benzene, [2,2-difluoro-1-(trifluoromethyl)ethenyl]- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Styrene, β,β -difluoro- α -(trifluoromethyl)- (7CI, 8CI)
 OTHER NAMES:
 CN 2-Phenylpentafluoropropene
 MF C9 H5 F5
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM,
 IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)

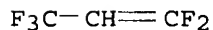


****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

35 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 35 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L4 ANSWER 26 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 690-27-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 1,1,3,3,3-pentafluoro- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 1,1,3,3,3-pentafluoro- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 1,1,1,3,3-Pentafluoropropene
 CN 1,1,3,3,3-Pentafluoro-1-propene
 CN 1,1,3,3,3-Pentafluoropropene
 CN 1,1,3,3,3-Pentafluoropropylene
 CN 2-Hydropentafluoropropylene

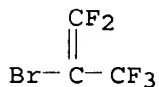
CN 2H-Pentafluoropropene
 CN HFC 1225zc
 MF C3 H F5
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CSCHM, GMELIN*, IFICDB, IFIUDB, MSDS-OHS,
 SPECINFO, TOXCENTER, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

155 REFERENCES IN FILE CA (1907 TO DATE)
 155 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 20 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

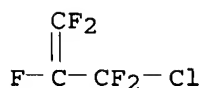
L4 ANSWER 27 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 431-49-2 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 2-bromo-1,1,3,3,3-pentafluoro- (CA INDEX NAME)
 OTHER NAMES:
 CN 2-Bromopentafluoropropene
 CN 2-Bromoperfluoropropene
 MF C3 Br F5
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX,
 GMELIN*, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

15 REFERENCES IN FILE CA (1907 TO DATE)
 15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 28 OF 28 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 79-47-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 3-chloro-1,1,2,3,3-pentafluoro- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 3-chloropentafluoro- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 3-Chloro-1,1,2,3,3-pentafluoro-1-propene
 CN 3-Chloro-1,1,2,3,3-pentafluoropropene
 CN 3-Chloropentafluoropropene
 CN Perfluoroallyl chloride
 MF C3 Cl F5
 CI COM
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
 CHEMINFORMRX, CSCHM, GMELIN*, MEDLINE, RTECS*, SPECINFO, TOXCENTER,
 USPATFULL, USPATOLD
 (*File contains numerically searchable property data)



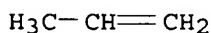
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

45 REFERENCES IN FILE CA (1907 TO DATE)
45 REFERENCES IN FILE CAPLUS (1907 TO DATE)
15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s tetrafluoropropene
L5 33 TETRAFLUOROPROPENE

=> d 15 1-33

L5 ANSWER 1 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 873958-04-4 REGISTRY
ED Entered STN: 10 Feb 2006
CN 1-Propene, chlorotetrafluoro- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Chlorotetrafluoropropene
MF C3 H Cl F4
CI IDS
SR CA
LC STN Files: CA, CAPLUS



D1- Cl

4 (D1- F)

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

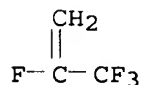
L5 ANSWER 2 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 181772-95-2 REGISTRY
ED Entered STN: 10 Oct 1996
CN 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoroethene and 2,3,3,3-tetrafluoro-1-propene (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propene, 2,3,3,3-tetrafluoro-, polymer with 1,1,2,3,3,3-hexafluoro-1-propene and tetrafluoroethene (9CI)
CN Ethene, tetrafluoro-, polymer with 1,1,2,3,3,3-hexafluoro-1-propene and 2,3,3,3-tetrafluoro-1-propene (9CI)
OTHER NAMES:
CN Hexafluoropropene-tetrafluoroethylene-2,3,3,3-tetrafluoropropene copolymer
CN Hexafluoropropylene-tetrafluoroethylene-2,3,3,3-tetrafluoropropene copolymer
MF (C3 H2 F4 . C3 F6 . C2 F4)x
CI PMS
PCT Fluoropolymer, Polyvinyl
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 754-12-1

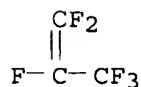
CMF C3 H2 F4



CM 2

CRN 116-15-4

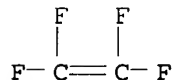
CMF C3 F6



CM 3

CRN 116-14-3

CMF C2 F4



4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN

RN 137231-72-2 REGISTRY

ED Entered STN: 08 Nov 1991

CN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tri-2-propenyl-, polymer with ethene, 1-propene, tetrafluoroethene and 2,3,3,3-tetrafluoro-1-propene (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1-Propene, 2,3,3,3-tetrafluoro-, polymer with ethene, 1-propene, tetrafluoroethene and 1,3,5-tri-2-propenyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (9CI)

CN 1-Propene, polymer with ethene, tetrafluoroethene, 2,3,3,3-tetrafluoro-1-propene and 1,3,5-tri-2-propenyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (9CI)

CN Ethene, polymer with 1-propene, tetrafluoroethene, 2,3,3,3-tetrafluoro-1-propene and 1,3,5-tri-2-propenyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (9CI)

CN Ethene, tetrafluoro-, polymer with ethene, 1-propene, 2,3,3,3-tetrafluoro-1-propene and 1,3,5-tri-2-propenyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (9CI)

OTHER NAMES:

CN Ethylene-propylene-tetrafluoroethylene-2,3,3,3-tetrafluoropropene-triallyl isocyanurate copolymer

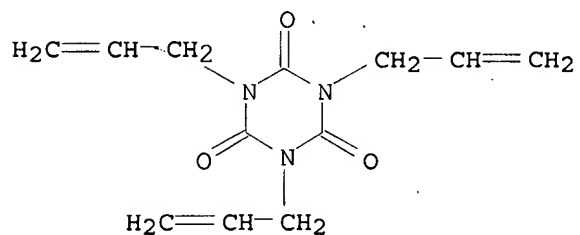
MF (C12 H15 N3 O3 . C3 H6 . C3 H2 F4 . C2 H4 . C2 F4)x

CI PMS

PCT Fluoropolymer, Polyolefin, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS

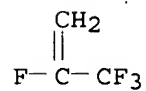
CM 1

CRN 1025-15-6
CMF C12 H15 N3 O3



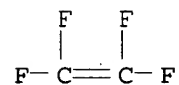
CM 2

CRN 754-12-1
CMF C3 H2 F4



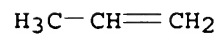
CM 3

CRN 116-14-3
CMF C2 F4



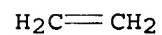
CM 4

CRN 115-07-1
CMF C3 H6



CM 5

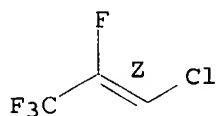
CRN 74-85-1
CMF C2 H4



2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 111512-60-8 REGISTRY
ED Entered STN: 21 Nov 1987
CN 1-Propene, 1-chloro-2,3,3,3-tetrafluoro-, (Z)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN (Z)-1-Chloro-2,3,3,3-tetrafluoropropene
FS STEREOSEARCH
MF C3 H Cl F4
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)

Double bond geometry as shown.

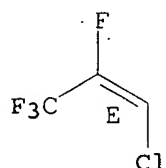


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 5 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 111512-52-8 REGISTRY
ED Entered STN: 21 Nov 1987
CN 1-Propene, 1-chloro-2,3,3,3-tetrafluoro-, (E)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN (E)-1-Chloro-2,3,3,3-tetrafluoropropene
FS STEREOSEARCH
MF C3 H Cl F4
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)

Double bond geometry as shown.



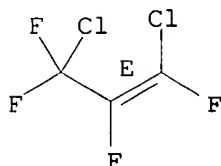
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 6 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 111512-50-6 REGISTRY
ED Entered STN: 21 Nov 1987
CN 1-Propene, 1,3-dichloro-1,2,3,3-tetrafluoro-, (E)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN trans-1,3-Dichloro-1,2,3,3-tetrafluoropropene
FS STEREOSEARCH

MF C3 Cl2 F4
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)

Double bond geometry as shown.

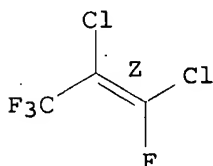


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 7 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 73562-83-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,2-dichloro-1,3,3,3-tetrafluoro-, (Z)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN cis-1,2-Dichloro-1,3,3,3-tetrafluoropropene
FS STEREOSEARCH
MF C3 Cl2 F4
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)

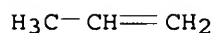
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 8 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 56188-91-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, dibromotetrafluoro- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Dibromotetrafluoropropene
MF C3 Br2 F4
CI IDS
LC STN Files: CA, CAPLUS



2 (D1- Br)

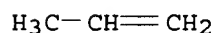
4 (D1- F)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 9 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 51053-30-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with tetrafluoro-1-propene
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propene, tetrafluoro-, polymer with 1,1,2,3,3,3-hexafluoro-1-propene
(9CI)
OTHER NAMES:
CN Hexafluoropropene-tetrafluoropropene copolymer
MF (C3 H2 F4 . C3 F6)x
CI PMS
PCT. Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS

CM 1

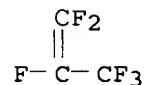
CRN 51053-29-3
CMF C3 H2 F4
CCI IDS



4 (D1- F)

CM, 2

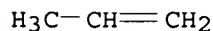
CRN 116-15-4
CMF C3 F6



3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 10 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 51053-29-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, tetrafluoro- (9CI) (CA INDEX NAME)
OTHER NAMES:

CN HFC 1234
CN Tetrafluoropropene
MF C3 H2 F4
CI IDS, COM
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL



4 (D1- F)

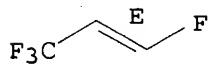
12 REFERENCES IN FILE CA (1907 TO DATE)
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 11 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 43050-88-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,3,3,3-tetrafluoro-, (E)-, polymer with tetrafluoroethene
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethene, tetrafluoro-, polymer with (E)-1,3,3,3-tetrafluoro-1-propene (9CI)
OTHER NAMES:
CN Tetrafluoroethylene-trans-1,3,3,3-tetrafluoropropene polymer
FS STEREOSEARCH
MF (C3 H2 F4 . C2 F4)x
CI PMS
PCT Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS

CM 1

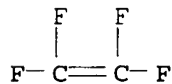
CRN 29118-24-9
CMF C3 H2 F4

Double bond geometry as shown.



CM 2

CRN 116-14-3
CMF C2 F4



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 12 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 43050-87-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,3,3,3-tetrafluoro-, (Z)-, polymer with tetrafluoroethene
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:

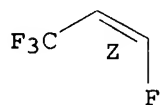
CN Ethene, tetrafluoro-, polymer with (Z)-1,3,3,3-tetrafluoro-1-propene (9CI)
OTHER NAMES:
CN Tetrafluoroethylene-cis-1,3,3,3-tetrafluoropropene polymer
FS STEREOSEARCH
MF (C3 H2 F4 . C2 F4)x
CI PMS
PCT Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS

CM 1

CRN 29118-25-0

CMF C3 H2 F4

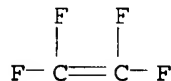
Double bond geometry as shown.



CM 2

CRN 116-14-3

CMF C2 F4



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

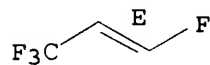
L5 ANSWER 13 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 43050-86-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,3,3,3-tetrafluoro-, (E)-, homopolymer (9CI) (CA INDEX NAME)
OTHER NAMES:
CN trans-1,3,3,3-Tetrafluoropropene polymer
FS STEREOSEARCH
MF (C3 H2 F4)x
CI PMS
PCT Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS

CM 1

CRN 29118-24-9

CMF C3 H2 F4

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 14 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN

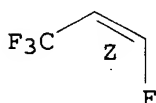
RN 43050-85-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,3,3,3-tetrafluoro-, (Z)-, homopolymer (9CI) (CA INDEX NAME)
OTHER NAMES:

CN cis-1,3,3,3-Tetrafluoropropene polymer
FS STEREOSEARCH
MF (C3 H2 F4)x
CI PMS
PCT Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS

CM 1

CRN 29118-25-0
CMF C3 H2 F4

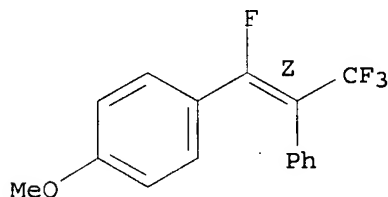
Double bond geometry as shown.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 15 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 41424-78-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzene, 1-methoxy-4-(1,3,3,3-tetrafluoro-2-phenyl-1-propenyl)-, (Z)-
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN cis-1-(p-Methoxyphenyl)-2-phenyltetrafluoropropene
FS STEREOSEARCH
MF C16 H12 F4 O
LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATOLD
(*File contains numerically searchable property data)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

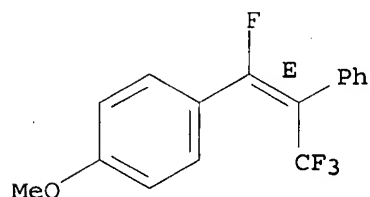
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 16 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 41424-77-5 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzene, 1-methoxy-4-(1,3,3,3-tetrafluoro-2-phenyl-1-propenyl)-, (E)-
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN trans-1-(p-Methoxyphenyl)-2-phenyltetrafluoropropene
FS STEREOSEARCH

MF C16 H12 F4 O

LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATOLD
(*File contains numerically searchable property data)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 17 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN

RN 41424-71-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzene, 1,1'-[1-fluoro-2-(trifluoromethyl)-1,2-ethenediyl]bis-, (Z)-
(9CI) (CA INDEX NAME)

OTHER NAMES:

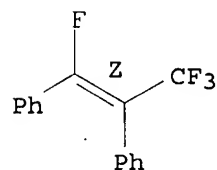
CN cis-1,2-Diphenyltetrafluoropropene

FS STEREOSEARCH

MF C15 H10 F4

LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATOLD
(*File contains numerically searchable property data)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 18 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN

RN 32646-94-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1-Propene, 2,3,3,3-tetrafluoro-, polymer with tetrafluoroethene (9CI) (CA
INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethene, tetrafluoro-, polymer with 2,3,3,3-tetrafluoro-1-propene (9CI)

CN Ethylene, tetrafluoro-, polymer with 2,3,3,3-tetrafluoropropene

CN Propene, 2,3,3,3-tetrafluoro-, polymer with tetrafluoroethylene (8CI)

OTHER NAMES:

CN 2,3,3,3-Tetrafluoropropene-tetrafluoroethylene copolymer

CN Tetrafluoroethylene-2,3,3,3-tetrafluoropropene copolymer

CN Tetrafluoroethylene-2,3,3,3-tetrafluoropropene polymer

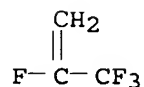
CN Tetrafluoroethylene-2,3,3,3-tetrafluoropropylene polymer

MF (C3 H2 F4 . C2 F4)x

CI PMS
PCT Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS

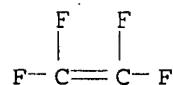
CM 1

CRN 754-12-1
CMF C3 H2 F4



CM 2

CRN 116-14-3
CMF C2 F4

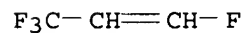


4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 19 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 31905-11-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,3,3,3-tetrafluoro-, homopolymer (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 1,3,3,3-tetrafluoro-, polymers (8CI)
OTHER NAMES:
CN 1,3,3,3-Tetrafluoro-1-propene polymer
CN 1,3,3,3-Tetrafluoropropene polymer
CN Poly[1-(trifluoromethyl)-2-fluoroethylene]
MF (C3 H2 F4)x
CI PMS
PCT Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS

CM 1

CRN 1645-83-6
CMF C3 H2 F4



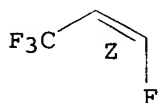
6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 20 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 29118-25-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,3,3,3-tetrafluoro-, (1Z)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propene, 1,3,3,3-tetrafluoro-, (Z)-
CN Propene, 1,3,3,3-tetrafluoro-, (Z)- (8CI)

OTHER NAMES:

CN cis-1,1,1,3-Tetrafluoro-2-propene
CN cis-1,3,3,3-Tetrafluoropropene
CN cis-HFO 1234ze
FS STEREOSEARCH
MF C3 H2 F4
CI COM
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPAT2,
USPATFULL
(*File contains numerically searchable property data)

Double bond geometry as shown.

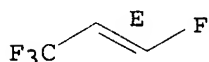


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

17 REFERENCES IN FILE CA (1907 TO DATE)
17 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 21 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 29118-24-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,3,3,3-tetrafluoro-, (1E)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Propene, 1,3,3,3-tetrafluoro-, (E)-
CN Propene, 1,3,3,3-tetrafluoro-, (E)- (8CI)
OTHER NAMES:
CN trans-1,1,1,3-Tetrafluoro-2-propene
CN trans-1,3,3,3-Tetrafluoro-1-propene
CN trans-1,3,3,3-Tetrafluoropropene
CN trans-HFO 1234ze
FS STEREOSEARCH
MF C3 H2 F4
CI COM
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, TOXCENTER,
USPAT2, USPATFULL
(*File contains numerically searchable property data)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

31 REFERENCES IN FILE CA (1907 TO DATE)
31 REFERENCES IN FILE CAPLUS (1907 TO DATE)

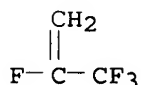
L5 ANSWER 22 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 26838-52-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 2,3,3,3-tetrafluoro-, homopolymer (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 2,3,3,3-tetrafluoro-, polymers (8CI)
OTHER NAMES:
CN 2,3,3,3-Tetrafluoro-1-propene polymer

CN 2,3,3,3-Tetrafluoropropene polymer
CN Poly(2,3,3,3-tetrafluoropropene)
CN Poly(2,3,3,3-tetrafluoropropylene)
CN Poly[1-(trifluoromethyl)-fluoroethylene]
MF (C3 H2 F4)x
CI PMS
PCT Fluoropolymer, Polyvinyl
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 754-12-1

CMF C3 H2 F4



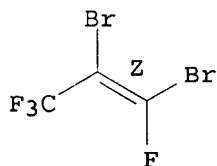
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14 REFERENCES IN FILE CA (1907 TO DATE)

14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 23 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 20377-91-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,2-dibromo-1,3,3,3-tetrafluoro-, (Z)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 1,2-dibromotetrafluoro-, (Z)- (8CI)
OTHER NAMES:
CN cis-1,2-Dibromo-1,3,3,3-tetrafluoropropene
FS STEREOSEARCH
MF C3 Br2 F4
LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATOLD
(*File contains numerically searchable property data)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

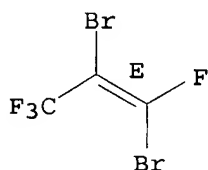
5 REFERENCES IN FILE CA (1907 TO DATE)

5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 24 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 20377-90-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,2-dibromo-1,3,3,3-tetrafluoro-, (E)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 1,2-dibromotetrafluoro-, (E)- (8CI)
OTHER NAMES:
CN trans-1,2-Dibromo-1,3,3,3-tetrafluoropropene
FS STEREOSEARCH

MF C3 Br2 F4
LC STN Files: BEILSTEIN*, CA, CAPLUS, IFICDB, IFIPAT, IFIUDB, USPATOLD
(*File contains numerically searchable property data)

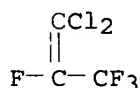
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 25 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 2804-55-9 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,1-dichloro-2,3,3,3-tetrafluoro- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 1,1-dichlorotetrafluoro- (6CI, 7CI, 8CI)
OTHER NAMES:
CN 1,1,1,2-Tetrafluoro-3,3-dichloropropene
CN 1,1-Dichloroperfluoro-1-propene
CN 1,1-Dichlorotetrafluoropropene
CN R 1214ya
MF C3 Cl2 F4
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, TOXCENTER,
USPATFULL, USPATOLD
(*File contains numerically searchable property data)

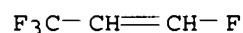


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

27 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
27 REFERENCES IN FILE CAPLUS (1907 TO DATE)
10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 26 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 1645-83-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 1,3,3,3-tetrafluoro- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 1,3,3,3-tetrafluoro- (6CI, 7CI, 8CI)
OTHER NAMES:
CN 1,1,1,3-Tetrafluoro-2-propene
CN 1,3,3,3-Tetrafluoro-1-propene
CN 1,3,3,3-Tetrafluoropropene
CN 1,3,3,3-Tetrafluoropropylene
CN HFC 1234ze
CN HFO 1234ze
MF C3 H2 F4

CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CSCHEM,
TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

77 REFERENCES IN FILE CA (1907 TO DATE)
78 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 27 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 1493-86-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzene, 1,1'-(2,3,3,3-tetrafluoro-1-propenylidene)bis- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Propene, 2,3,3,3-tetrafluoro-1,1-diphenyl- (6CI, 8CI)

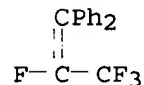
OTHER NAMES:

CN 1,1-Diphenyl-2,3,3,3-tetrafluoropropene

CN 1-Fluoro-1-(trifluoromethyl)-2,2-diphenylethylene

MF C15 H10 F4

LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, IFICDB, IFIPAT,
IFIUDB, SPECINFO, USPATOLD
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 28 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 815-13-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 3-bromo-2-chloro-1,1,3,3-tetrafluoro- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

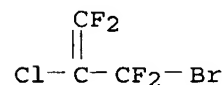
CN Propene, 3-bromo-2-chlorotetrafluoro- (6CI, 7CI, 8CI)

OTHER NAMES:

CN 3-Bromo-2-chlorotetrafluoropropene

MF C3 Br Cl F4

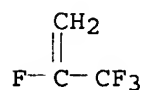
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

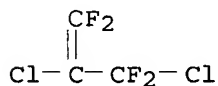
L5 ANSWER 29 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 754-12-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 2,3,3,3-tetrafluoro- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 2,3,3,3-tetrafluoro- (6CI, 7CI, 8CI)
OTHER NAMES:
CN 1,1,1,2-Tetrafluoro-2-propene
CN 2,3,3,3-Tetrafluoro-1-propene
CN 2,3,3,3-Tetrafluoropropene
CN HFC 1234yf
CN HFO 1234yf
MF C3 H2 F4
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,
CHEMINFORMRX, CSCHEM, IFICDB, IFIUDB, TOXCENTER, ULIDAT, USPAT2,
USPATFULL, USPATOLD
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

78 REFERENCES IN FILE CA (1907 TO DATE)
78 REFERENCES IN FILE CAPLUS (1907 TO DATE)
8 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 30 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
RN 684-04-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1-Propene, 2,3-dichloro-1,1,3,3-tetrafluoro- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propene, 2,3-dichlorotetrafluoro- (6CI, 7CI, 8CI)
OTHER NAMES:
CN 2,3-Dichloro-1,1,3,3-tetrafluoropropene
CN 2,3-Dichlorotetrafluoropropene
CN Propene, 2,3-dichloro-1,1,3,3-tetrafluoro-
MF C3 Cl2 F4
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, IFICDB, IFIPAT,
IFIUDB, TOXCENTER, USPATFULL, USPATOLD
(*File contains numerically searchable property data)

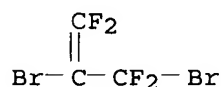


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

33 REFERENCES IN FILE CA (1907 TO DATE)
33 REFERENCES IN FILE CAPLUS (1907 TO DATE)

10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

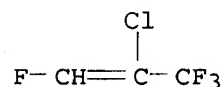
L5 ANSWER 31 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 666-40-0 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 2,3-dibromo-1,1,3,3-tetrafluoro- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 2,3-dibromotetrafluoro- (6CI, 8CI)
 OTHER NAMES:
 CN 2,3-Dibromo-1,1,3,3-tetrafluoropropene
 MF C3 Br2 F4
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CHEMCATS, CSChem, IFICDB,
 IFIPAT, IFIUDb, USPATOLD
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
 6 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 32 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 666-30-8 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 2-chloro-1,3,3,3-tetrafluoro- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 2-chloro-1,3,3,3-tetrafluoro- (7CI, 8CI)
 OTHER NAMES:
 CN 2-Chloro-1,3,3,3-tetrafluoropropene
 MF C3 H Cl F4
 LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L5 ANSWER 33 OF 33 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 460-61-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propene, 3-bromo-1,1,3,3-tetrafluoro- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Propene, 3-bromo-1,1,3,3-tetrafluoro- (6CI, 7CI, 8CI)
 OTHER NAMES:
 CN 1,1,3,3-Tetrafluoroallyl bromide
 CN 3-Bromo-1,1,3,3-tetrafluoro-1-propene
 CN 3-Bromo-1,1,3,3-tetrafluoropropene
 MF C3 H Br F4

LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, IFICDB,
IFIPAT, IFIUDB, USPATFULL, USPATOLD
(*File contains numerically searchable property data)

$\text{F}_2\text{C}=\text{CH}-\text{CF}_2-\text{Br}$

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

20 REFERENCES IN FILE CA (1907 TO DATE)
20 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file ca plus

'PLUS' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):n

'N' IS AN AMBIGUOUS FILE OR CLUSTER NAME

NUMERIC	- All numeric files for STNINDEX searching
NAPRALERT	- Natural Products Alert Database
NLDB	- Newsletter Database from 1988 - present
NTIS	- U.S. Government Reports Announcements 1964-present
NUTRACEUT	- Nutraceuticals International 1996 to the present

ENTER FILE OR CLUSTER NAME (IGNORE):ignore

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	164.85	165.06

FILE 'CA' ENTERED AT 11:31:42 ON 30 OCT 2007

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FILE COVERS 1907 - 25 Oct 2007 VOL 147 ISS 19

FILE LAST UPDATED: 25 Oct 2007 (20071025/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	165.51

FILE 'CAPLUS' ENTERED AT 11:31:47 ON 30 OCT 2007
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FILE COVERS 1907 - 30 Oct 2007 VOL 147 ISS 19
FILE LAST UPDATED: 29 Oct 2007 (20071029/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 754-12-1/rn
78 754-12-1
0 754-12-1D
L6 78 754-12-1/RN
(754-12-1 (NOTL) 754-12-1D)

=> s 754-12-1/rn full
78 754-12-1
0 754-12-1D
L7 78 754-12-1/RN
(754-12-1 (NOTL) 754-12-1D)

=> d 17 1-78

L7 ANSWER 1 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:1060597 CAPLUS
DN 147:367593
TI Composition for refrigerating machine
IN Fukuda, Hiroki; Uemori, Shigeki
PA Asahi Glass Company, Limited, Japan
SO PCT Int. Appl., 18pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007105718	A1	20070920	WO 2007-JP54929	20070313
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRAI JP 2006-68144 A 20060313
JP 2007-27256 A 20070206
RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:1018633 CAPLUS
DN 147:346107
TI Method for generating pollution credits
IN Luly, Matthew H.; Singh, Ryjiv R.
PA Honeywell International, Inc., USA
SO Eur. Pat. Appl., 5pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1832639	A2	20070912	EP 2007-4921	20070309
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	US 2007210275	A1	20070913	US 2006-372800	20060310
	IN 2007DE00517	A	20070921	IN 2007-DE517	20070309
	CN 101054337	A	20071017	CN 2007-10100647	20070309
PRAI	US 2006-372800	A	20060310		

L7 ANSWER 3 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:984772 CAPLUS
DN 147:346362
TI Heat transfer composition
IN Low, Robert Elliott; Corr, Stuart
PA Ineos Fluor Holdings Limited, UK
SO Brit. UK Pat. Appl., 44pp.
CODEN: BAXXDU
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2435747	A	20070905	GB 2006-19503	20061003
	GB 2437373	A	20071024	GB 2006-19504	20061003
PRAI	GB 2006-14067	A	20060717		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:944234 CAPLUS
DN 147:279666
TI Method for producing fluorinated organic compounds
IN Mukhopadhyay, Sudip; Tung, Hsueh S.; Light, Barbara A.; Phillips, Steven D.; Ma, Jing Ji; Bortz, Cheryl L.; Van Der Puy, Michael; Merkel, Daniel C.; Dubey, Rajesh K.
PA Honeywell International Inc., USA
SO U.S. Pat. Appl. Publ., 12pp., Cont.-in-part of U.S. Ser. No. 118,504.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007197842	A1	20070823	US 2007-619592	20070103
	US 2005245773	A1	20051103	US 2005-118503	20050429
	US 2005245774	A1	20051103	US 2005-118504	20050429

CA 2564897	A1	20051117	CA 2005-2564897	20050429
CA 2564903	A1	20051117	CA 2005-2564903	20050429
US 2006030744	A1	20060209	US 2005-118530	20050429
US 7189884	B2	20070313		
EP 1740518	A1	20070110	EP 2005-740929	20050429
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
EP 1740521	A1	20070110	EP 2005-744032	20050429
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1968915	A	20070523	CN 2005-80020225	20050429
CN 1972887	A	20070530	CN 2005-80020412	20050429
KR 2007005737	A	20070110	KR 2006-725179	20061129
KR 2007011554	A	20070124	KR 2006-725180	20061129
PRAI US 2004-567425P	P	20040429		
US 2004-567426P	P	20040429		
US 2004-567427P	P	20040429		
US 2004-567428P	P	20040429		
US 2004-567429P	P	20040429		
US 2005-118503	A2	20050429		
US 2005-118504	A2	20050429		
US 2005-118530	A2	20050429		
US 2006-755485P	P	20060103		
WO 2005-US14950	W	20050429		
WO 2005-US15124	W	20050429		
OS CASREACT 147:279666				

L7 ANSWER 5 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:943866 CAPLUS
 DN 147:279663
 TI Method for producing fluorinated organic compounds
 IN Mukhopadhyay, Sudip; Tung, Hsueh S.; Van Der Puy, Michael; Merkel, Daniel C.; Ma, Jing Ji; Bortz, Cheryl L.; Light, Barbara A.; Phillips, Steven D.; Fleming, Kim M.; Ferguson, Susan A.
 PA Honeywell International Inc., USA
 SO U.S. Pat. Appl. Publ., 9pp., Cont.-in-part of U.S. Ser. No. 118,504.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007197841	A1	20070823	US 2007-619589	20070103
	US 2005245773	A1	20051103	US 2005-118503	20050429
	US 2005245774	A1	20051103	US 2005-118504	20050429
	CA 2564897	A1	20051117	CA 2005-2564897	20050429
	CA 2564903	A1	20051117	CA 2005-2564903	20050429
	US 2006030744	A1	20060209	US 2005-118530	20050429
	US 7189884	B2	20070313		
	EP 1740518	A1	20070110	EP 2005-740929	20050429
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR					
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	CN 1968915	A	20070523	CN 2005-80020225	20050429
	CN 1972887	A	20070530	CN 2005-80020412	20050429
	KR 2007005737	A	20070110	KR 2006-725179	20061129
	KR 2007011554	A	20070124	KR 2006-725180	20061129
PRAI	US 2004-567425P	P	20040429		
	US 2004-567426P	P	20040429		
	US 2004-567427P	P	20040429		
	US 2004-567428P	P	20040429		
	US 2004-567429P	P	20040429		

US 2005-118503 A2 20050429
 US 2005-118504 A2 20050429
 US 2005-118530 A2 20050429
 US 2006-755486P P 20060103
 WO 2005-US14950 W 20050429
 WO 2005-US15124 W 20050429

OS CASREACT 147:279663

L7 ANSWER 6 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:790061 CAPLUS
 DN 147:191684
 TI Refrigerant additive compositions containing perfluoropolyethers
 IN Leck, Thomas J.; Saturno, Thomas Frank; Bell, Gregory A.
 PA E. I. Du Pont De Nemours and Company, USA
 SO PCT Int. Appl., 32pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007082046	A1	20070719	WO 2007-US783	20070112
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
US 2007187639	A1	20070816	US 2007-653125	20070112
PRAI US 2006-758735P	P	20060113		
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L7 ANSWER 7 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:763495 CAPLUS
 DN 147:165730
 TI Method for producing fluorinated organic compounds
 IN Tung, Hsueh Sung; Mukhopahyay, Sudip; Van der Puy, Michael; Ma, Jing Ji; Bortz, Cheryl; Light, Barbara; Phillips, Steven D.; Dubey, Rajesh; Merkel, Daniel C.
 PA Honeywell International Inc., USA
 SO PCT Int. Appl., 30pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 24

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007079431	A2	20070712	WO 2007-US56	20070103
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				

CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

PRAI US 2006-755485P P 20060103

OS MARPAT 147:165730

L7 ANSWER 8 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:763489 CAPLUS

DN 147:165729

TI Method for producing fluorinated organic compounds

IN Tung, Hsueh Sung; Mukhopadhyay, Sudip; Van der Puy, Michael; Ma, Jing Ji;
Merkel, Daniel C.; Bortz, Cheryl; Light, Barbara; Phillips, Steven D.;
Fleming, Kim M.; Ferguson, Susan

PA Honeywell International Inc., USA

SO PCT Int. Appl., 27pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007079435	A2	20070712	WO 2007-US64	20070103
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	GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,				
	KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,				
	MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,				
	RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,				
	TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				
	CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,				
	GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM				

PRAI US 2006-755486P P 20060103

OS CASREACT 147:165729; MARPAT 147:165729

L7 ANSWER 9 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:658617 CAPLUS

DN 147:302998

TI Simultaneous conversion of CHClF_2 and CH_3Br to CH_2CF_2

AU Yu, Hai; Kennedy, Eric M.; Mackie, John C.; Dlugogorski, Bogdan Z.

CS Process Safety and Environment Protection Research Group, School of
Engineering, The University of Newcastle, Callaghan, NSW 2308, Australia

SO Chemosphere (2007), 68(10), 2003-2006

CODEN: CMSHAF; ISSN: 0045-6535

PB Elsevier Ltd.

DT Journal

LA English

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 10 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:538313 CAPLUS

DN 146:500602

TI Method for producing fluorinated propylenes

IN Mukhopadhyay, Sudip; Nair, Haridasan K.; Tung, Hsueh S.; Van Der Puy,
Michael; Merkel, Daniel C.; Dubey, Rajesh K.; Ma, Jing Ji

PA Honeywell International Inc., USA

SO U.S. Pat. Appl. Publ., 10pp., Cont.-in-part of U.S. Ser. No. 118,504.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007112230	A1	20070517	US 2006-592761	20061103
	US 2005245773	A1	20051103	US 2005-118503	20050429
	US 2005245774	A1	20051103	US 2005-118504	20050429
	CA 2564897	A1	20051117	CA 2005-2564897	20050429
	CA 2564903	A1	20051117	CA 2005-2564903	20050429
	US 2006030744	A1	20060209	US 2005-118530	20050429
	US 7189884	B2	20070313		
	EP 1740518	A1	20070110	EP 2005-740929	20050429
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	EP 1740521	A1	20070110	EP 2005-744032	20050429
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 1968915	A	20070523	CN 2005-80020225	20050429
	CN 1972887	A	20070530	CN 2005-80020412	20050429
	US 2007123741	A1	20070531	US 2006-588671	20061027
	US 2007179324	A1	20070802	US 2006-588464	20061027
	WO 2007056194	A1	20070518	WO 2006-US43053	20061103
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	KR 2007005737	A	20070110	KR 2006-725179	20061129
	KR 2007011554	A	20070124	KR 2006-725180	20061129
PRAI	US 2004-567425P	P	20040429		
	US 2004-567426P	P	20040429		
	US 2004-567427P	P	20040429		
	US 2004-567428P	P	20040429		
	US 2004-567429P	P	20040429		
	US 2005-118503	A2	20050429		
	US 2005-118504	A2	20050429		
	US 2005-118530	A2	20050429		
	US 2005-733355P	P	20051103		
	WO 2005-US14950	W	20050429		
	WO 2005-US15124	W	20050429		
	US 2006-763086P	P	20060127		
OS	CASREACT 146:500602; MARPAT 146:500602				
L7	ANSWER 11 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN				
AN	2007:538312 CAPLUS				
DN	146:500601				
TI	Method for producing fluorinated propylenes				
IN	Mukhopadhyay, Sudip; Nair, Haridasan K.; Dubey, Rajesh K.; Singh, Rajiv R.; Shia, George A.				
PA	Honeywell International Inc., USA				
SO	U.S. Pat. Appl. Publ., 9pp., Cont.-in-part of U.S. Ser. No. 118,504.				
	CODEN: USXXCO				
DT	Patent				
LA	English				
FAN	CNT 24				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007112229	A1	20070517	US 2006-592476	20061103
	US 2005245773	A1	20051103	US 2005-118503	20050429

US 2005245774	A1	20051103	US 2005-118504	20050429
CA 2564897	A1	20051117	CA 2005-2564897	20050429
CA 2564903	A1	20051117	CA 2005-2564903	20050429
US 2006030744	A1	20060209	US 2005-118530	20050429
US 7189884	B2	20070313		
EP 1740518	A1	20070110	EP 2005-740929	20050429
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
EP 1740521	A1	20070110	EP 2005-744032	20050429
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1968915	A	20070523	CN 2005-80020225	20050429
CN 1972887	A	20070530	CN 2005-80020412	20050429
WO 2007056128	A1	20070518	WO 2006-US42936	20061103
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

KR 2007005737	A	20070110	KR 2006-725179	20061129
KR 2007011554	A	20070124	KR 2006-725180	20061129

PRAI	US 2004-567425P	P	20040429
	US 2004-567426P	P	20040429
	US 2004-567427P	P	20040429
	US 2004-567428P	P	20040429
	US 2004-567429P	P	20040429
	US 2005-118503	A2	20050429
	US 2005-118504	A2	20050429
	US 2005-118530	A2	20050429
	US 2005-733378P	P	20051103
	WO 2005-US14950	W	20050429
	WO 2005-US15124	W	20050429

OS MARPAT 146:500601

L7 ANSWER 12 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:536864 CAPLUS

DN 146:500597

TI Method for producing fluorinated propylenes

IN Mukhopadhyay, Sudip; Nair, Haridasan K.; Tung, Hsueh S.; Van Der Puy, Michael; Merkel, Daniel C.; Dubey, Rajesh K.; Ma, Jing Ji; Light, Barbara A.; Fleming, Kim M.; Bortz, Cheryl L.; Udy, Richard

PA Honeywell International Inc., USA

SO U.S. Pat. Appl. Publ., 9pp., Cont.-in-part of U.S. Ser. No. 118,503.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007112228	A1	20070517	US 2006-592415	20061103
	US 2005245773	A1	20051103	US 2005-118503	20050429
	US 2005245774	A1	20051103	US 2005-118504	20050429
	CA 2564897	A1	20051117	CA 2005-2564897	20050429
	CA 2564903	A1	20051117	CA 2005-2564903	20050429
	US 2006030744	A1	20060209	US 2005-118530	20050429
	US 7189884	B2	20070313		
	EP 1740518	A1	20070110	EP 2005-740929	20050429

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

EP 1740521 A1 20070110 EP 2005-744032 20050429

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

CN 1968915 A 20070523 CN 2005-80020225 20050429

CN 1972887 A 20070530 CN 2005-80020412 20050429

WO 2007056148 A1 20070518 WO 2006-US42972 20061103

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

KR 2007005737 A 20070110 KR 2006-725179 20061129

KR 2007011554 A 20070124 KR 2006-725180 20061129

PRAI US 2004-567425P P 20040429

US 2004-567426P P 20040429

US 2004-567427P P 20040429

US 2004-567428P P 20040429

US 2004-567429P P 20040429

US 2005-118503 A2 20050429

US 2005-118504 A2 20050429

US 2005-118530 A2 20050429

US 2005-733383P P 20051103

US 2005-733444P P 20051103

WO 2005-US14950 W 20050429

WO 2005-US15124 W 20050429

OS CASREACT 146:500597; MARPAT 146:500597

L7 ANSWER 13 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:536860 CAPLUS

DN 146:500596

TI Method for producing fluorinated alkenes

IN Mukhopadhyay, Sudip; Nair, Haridasan K.; Tung, Hsueh S.; Van Der Puy,
Michael; Johnson, Robert C.; Merkel, Daniel C.

PA Honeywell International Inc., USA

SO U.S. Pat. Appl. Publ., 8pp., Cont.-in-part of U.S. Ser. No. 118,504.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007112227	A1	20070517	US 2006-592842	20061103
	US 2005245773	A1	20051103	US 2005-118503	20050429
	US 2005245774	A1	20051103	US 2005-118504	20050429
	CA 2564897	A1	20051117	CA 2005-2564897	20050429
	CA 2564903	A1	20051117	CA 2005-2564903	20050429
	US 2006030744	A1	20060209	US 2005-118530	20050429
	US 7189884	B2	20070313		
	EP 1740518	A1	20070110	EP 2005-740929	20050429
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	EP 1740521	A1	20070110	EP 2005-744032	20050429
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 1968915	A	20070523	CN 2005-80020225	20050429

CN 1972887 A 20070530 CN 2005-80020412 20050429
 WO 2007056127 A1 20070518 WO 2006-US42935 20061103
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
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 MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
 RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
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 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

KR 2007005737 A 20070110 KR 2006-725179 20061129
 KR 2007011554 A 20070124 KR 2006-725180 20061129
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 US 2004-567428P P 20040429
 US 2004-567429P P 20040429
 US 2005-118503 A2 20050429
 US 2005-118504 A2 20050429
 US 2005-118530 A2 20050429
 US 2005-733379P P 20051103
 WO 2005-US14950 W 20050429
 WO 2005-US15124 W 20050429
 OS CASREACT 146:500596; MARPAT 146:500596

L7 ANSWER 14 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:512186 CAPLUS
 DN 146:503389
 TI Compositions comprising fluoroolefins and uses thereof
 IN Sievert, Allen Capron; Nappa, Mario Joseph; Minor, Barbara Haviland; Leck,
 Thomas J.; Rao, Velliyur Nott Mallikarjuna; Swearingen, Ekaterina N.;
 Schmitz, Corneille; Mouli, Nandini; Perti, Deepak
 PA E. I. Du Pont De Nemours and Company, USA
 SO PCT Int. Appl., 133pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007053697	A2	20070510	WO 2006-US42686	20061031
	WO 2007053697	A3	20070628		
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	MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,				
	RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,				
	TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				
	CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,				
	GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	US 2007108403	A1	20070517	US 2006-589588	20061030
PRAI	US 2005-732581P	P	20051101		
	US 2006-486791	A	20060713		
	US 2006-589588	A	20061030		

L7 ANSWER 15 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:488744 CAPLUS
 DN 146:482943
 TI Blowing agents containing unsaturated fluorocarbons for manufacturing plastic foam
 IN Creazzo, Joseph Anthony; Nappa, Mario Joseph; Sievert, Allen Capron; Swearingen, Ekaterina N.
 PA USA
 SO U.S. Pat. Appl. Publ., 19pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007100010	A1	20070503	US 2006-591350	20061101
	US 2007100009	A1	20070503	US 2006-591349	20061101
	US 2007100011	A1	20070503	US 2006-591400	20061101
	US 2007102021	A1	20070510	US 2006-591401	20061101
	US 2007105738	A1	20070510	US 2006-591650	20061101
	WO 2007053670	A2	20070510	WO 2006-US42623	20061101
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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	WO 2007053673	A2	20070510	WO 2006-US42634	20061101
	WO 2007053673	A3	20070705		
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	WO 2007053674	A2	20070510	WO 2006-US42635	20061101
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,				

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WO 2007053675 A2 20070510 WO 2006-US42636 20061101
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 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI US 2005-732090P P 20051101
 US 2005-732771P P 20051101
 OS MARPAT 146:482943

L7 ANSWER 16 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:484988 CAPLUS
 DN 146:484217
 TI Direct conversion of HCFC 225ca/cb mixture to HFC 245cb and HFC 1234yf
 IN Nair, Haridasan; Mukhopadhyay, Sudip; Van Der Puy, Michael
 PA Honeywell International Inc., USA
 SO U.S. Pat. Appl. Publ., 6pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007096053	A1	20070503	US 2005-265949	20051103
	WO 2007086972	A2	20070802	WO 2006-US42704	20061031
	WO 2007086972	A3	20071004		
	W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW	
	RW:			AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA	
PRAI	US 2005-265949	A	20051103		

L7 ANSWER 17 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:484984 CAPLUS
 DN 146:484033
 TI Fire extinguishing and fire suppression compositions comprising unsaturated fluorocarbons
 IN Nappa, Mario Joseph; Swearingen, Ekaterina N.; Sievert, Allen Capron
 PA USA
 SO U.S. Pat. Appl. Publ., 11pp.

CODEN: USXXCO

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007096051	A1	20070503	US 2006-590453	20061031
	WO 2007053737	A2	20070510	WO 2006-US42772	20061101
	WO 2007053737	A3	20070614		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BE, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
PRAI	US 2005-732396P	P	20051101		
OS	MARPAT 146:484033				

L7 ANSWER 18 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:484395 CAPLUS
DN 146:468564
TI Aerosol propellants comprising unsaturated fluorocarbons
IN Nappa, Mario Joseph; Creazzo, Joseph Anthony; Sievert, Allen Capron; Swearingen, Ekaterina N.
PA USA
SO U.S. Pat. Appl. Publ., 13pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007098646	A1	20070503	US 2006-590344	20061030
	WO 2007053671	A1	20070510	WO 2006-US42632	20061101
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	US 2005-732292P	P	20051101		
OS	MARPAT 146:468564				

L7 ANSWER 19 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:484315 CAPLUS
DN 146:461838
TI Azeotrope distillation process for the separation of 2,3,3,3-tetrafluoropropene from compositions comprising 2,3,3,3-tetrafluoropropene and hydrogen fluoride and 1,1,1,2,2-pentafluoropropane
IN Miller, Ralph Newton; Nappa, Mario Joseph; Rao, Velliyur Nott Mallikarjuna; Sievert, Allen Capron
PA USA

SO U.S. Pat. Appl. Publ., 14pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007100175	A1	20070503	US 2006-590454	20061031
	WO 2007053736	A2	20070510	WO 2006-US42771	20061101
	WO 2007053736	A3	20070802		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
PRAI	US 2005-732321P	P	20051101		

L7 ANSWER 20 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:173295 CAPLUS
DN 146:231393
TI Preparation of tetrafluoropropenes
IN Rao, Velliyur Nott Mallikarjuna; Sievert, Allen C.; Rosenfeld, H. David; Subramoney, Shekhar
PA E. I. Du Pont de Nemours and Company, USA
SO PCT Int. Appl., 23pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007019355	A1	20070215	WO 2006-US30531	20060804
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
PRAI	US 2005-706107P	P	20050805		

OS CASREACT 146:231393; MARPAT 146:231393
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 21 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:41169 CAPLUS
DN 146:123115
TI Foaming agents and compositions containing fluorine substituted olefins, foam premix, and methods of foaming
IN Bowman, James M.; Williams, David J.
PA Honeywell International Inc., USA
SO U.S. Pat. Appl. Publ., 16 pp., Cont.-in-part of U.S. Ser. No. 837,525.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007010592	A1	20070111	US 2006-474887	20060626
	US 2004119047	A1	20040624	US 2003-694273	20031027
	US 2004256594	A1	20041223	US 2004-837525	20040429
	US 7279451	B2	20071009		
	ZA 2005004236	A	20060726	ZA 2005-4236	20050524
	WO 2007109748	A2	20070927	WO 2007-US64570	20070321

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI	US 2002-421263P	P	20021025		
	US 2003-694273	A2	20031027		
	US 2004-837525	A2	20040429		
	US 2005-693853P	P	20050624		
	US 2006-784731P	P	20060321		
	US 2002-421435P	P	20021025		
	US 2003-694272	A2	20031027		
	US 2003-695212	A2	20031027		

OS MARPAT 146:123115

L7 ANSWER 22 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:41168 CAPLUS

DN 146:145113

TI Fluoroolefin-based working fluids, heat transfer agents, aerosol propellants, and blowing agents

IN Singh, Rajiv R.; Pham, Hang T.; Willson, David P.; Thomas, Raymond H.; Spatz, Mark W.; Metcalf, David A.

PA Honeywell International, Inc., USA

SO U.S. Pat. Appl. Publ., 20pp., Cont.-in-part of U.S. Ser. No. 694,273.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007007488	A1	20070111	US 2006-475605	20060626
	US 2004089839	A1	20040513	US 2003-695212	20031027
	US 2004119047	A1	20040624	US 2003-694273	20031027
	US 2005090698	A1	20050428	US 2003-694272	20031027
	US 7230146	B2	20070612		
	WO 2005042663	A1	20050512	WO 2004-US35132	20041025

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,

SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

EP 1725628 A1 20061129 EP 2004-817445 20041025
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR
CN 1898353 A 20070117 CN 2004-80039094 20041025
JP 2007510039 T 20070419 JP 2006-538130 20041025
PRAI US 2003-694272 A2 20031027
US 2003-694273 A2 20031027
US 2003-695212 B2 20031027
US 2005-693853P P 20050624
US 2002-421263P P 20021025
US 2002-421435P P 20021025
WO 2004-US35132 W 20041025
OS MARPAT 146:145113

L7 ANSWER 23 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:16781 CAPLUS
DN 146:123085
TI Foaming agents and compositions containing fluorine substituted olefins,
and methods of foaming
IN Bowman, James M.; Williams, David J.
PA Honeywell International Inc., USA
SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007002703	A2	20070104	WO 2006-US25060	20060626
	WO 2007002703	A3	20070927		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,				
	KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,				
	MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU,				
	SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG,				
	US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				
	CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,				
	GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	WO 2007109748	A2	20070927	WO 2007-US64570	20070321
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,				
	CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,				
	GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM,				
	KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK,				
	MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,				
	RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,				
	TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,				
	BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,				
	GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,				
	BY, KG, KZ, MD, RU, TJ, TM				
PRAI	US 2005-693853P	P	20050624		
	US 2006-784731P	P	20060321		
OS	MARPAT 146:123085				

L7 ANSWER 24 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:11838 CAPLUS
DN 146:124520

TI Compositions containing fluorine substituted olefins
 IN Singh, Rajiv R.; Pham, Hang T.; Wilson, David P.; Thomas, Raymond H.;
 Spatz, Mark W.; Metcalf, David A.
 PA Honeywell International Inc., USA
 SO PCT Int. Appl., 53pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007002625	A2	20070104	WO 2006-US24886	20060626
	WO 2007002625	A3	20070518		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,				
	KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,				
	MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU,				
	SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG,				
	US, UZ, VC, VN, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				
	CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,				
	GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
PRAI	US 2005-693853P	P	20050624		

L7 ANSWER 25 OF 78 CAPLUS . COPYRIGHT 2007 ACS on STN
 AN 2006:1256422 CAPLUS
 DN 146:33039
 TI Pharmaceutical formulations
 IN Knopeck, Gary M.; Diringier, Jeremy; Herena, Louis; Singh, Rajiv R.
 PA Honeywell International Inc., USA
 SO U.S. Pat. Appl. Publ., 11pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006269484	A1	20061130	US 2006-375826	20060315
	BR 2006002430	A	20070814	BR 2006-2430	20060316
PRAI	US 2005-662579P	P	20050316		
OS	MARPAT 146:33039				

L7 ANSWER 26 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:1204363 CAPLUS
 DN 145:488903
 TI Catalytic alkylation process for producing hydrofluorocarbons from
 fluoromethane and fluorinated alkenes
 IN Mukhopadhyay, Sudip; Tung, Hsuehsung; Nair, Haridasan K.; Ma, Jingji
 PA Honeywell International Inc., USA
 SO U.S. Pat. Appl. Publ., 5pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006258891	A1	20061116	US 2005-127892	20050512
	WO 2006124335	A1	20061123	WO 2006-US17462	20060505
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,				

KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
 MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
 SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
 VN, YU, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

PRAI US 2005-127892 A 20050512
 OS CASREACT 145:488903; MARPAT 145:488903

L7 ANSWER 27 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:1150221 CAPLUS
 DN 145:473771
 TI Fluoroolefin-based fluorocarbon-hydrocarbon mixtures as working fluids,
 heat transfer agents, and fire extinguishers
 IN Minor, Barbara Haviland; Rao, Velliyur Nott Mallikarjuna; Bivens, Donald
 Bernard; Perti, Deepak; Baunchalk, Mark Steven
 PA USA
 SO U.S. Pat. Appl. Publ., 77pp., Cont.-in-part of U.S. Ser. No. 369,227.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006243945	A1	20061102	US 2006-393109	20060330
	US 2006243944	A1	20061102	US 2006-369227	20060302
PRAI	US 2005-658543P	P	20050304		
	US 2005-710439P	P	20050823		
	US 2005-732769P	P	20051101		
	US 2006-369227	A2	20060302		
OS	MARPAT 145:473771				

L7 ANSWER 28 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:1012399 CAPLUS
 DN 145:383499
 TI Medicament delivery formulations, devices and methods using environmental
 friendly propellant
 IN Gnopeck, Gary M.; Diringier, Jeremy; Herena, Louis; Singh, Rajiv R.
 PA Honeywell International Inc., USA
 SO PCT Int. Appl., 30pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006101882	A2	20060928	WO 2006-US9271	20060315
	WO 2006101882	A3	20070412		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
IN	2007DN07208	A	20071005	IN 2007-DN7208	20070919

PRAI US 2005-622579P P 20050316
WO 2006-US9271 W 20060315
OS MARPAT 145:383499

L7 ANSWER 29 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:917627 CAPLUS
DN 145:317314
TI Low-ozone-depletion and low-global-warming-potential working fluids
containing C3-fluorooolefins
IN Minor, Barbara Haviland; Rao, Velliyur Nott Mallikarjuna; Bivens, Donald
Bernard; Perti, Deepak
PA E.I. Dupont de Nemours and Company, USA
SO PCT Int. Appl., 177 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006094303	A2	20060908	WO 2006-US8164	20060303
	WO 2006094303	A3	20070621		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,				
	KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,				
	MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,				
	SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,				
	VN, YU, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				
	CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,				
	GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	US 2006243944	A1	20061102	US 2006-369227	20060302
	AU 2006218376	A1	20060908	AU 2006-218376	20060303
	IN 2007DN06834	A	20070921	IN 2007-DN6834	20070903
PRAI	US 2005-658543P	P	20050304		
	US 2005-710439P	P	20050823		
	US 2005-732769P	P	20051101		
	US 2006-369227	A	20060302		
	WO 2006-US8164	W	20060303		
OS	MARPAT 145:317314				

L7 ANSWER 30 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:634216 CAPLUS
DN 145:106022
TI Stabilized iodocarbon compositions
IN Singh, Rajiv R.; Nair, Haridasan K.; Thomas, Raymond H.; Ford, Lawrence
A.; Wilson, David P.
PA Honeywell International Inc., USA
SO PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006069362	A2	20060629	WO 2005-US46982	20051221
	WO 2006069362	A3	20070301		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,				
	KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,				
	MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,				

SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
 VN, YU, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

AU 2005318958 A1 20060629 AU 2005-318958 20051221
 CA 2591130 A1 20060629 CA 2005-2591130 20051221
 EP 1846534 A2 20071024 EP 2005-855525 20051221

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR

PRAI US 2004-638003P P 20041221
 WO 2005-US46982 W 20051221

OS MARPAT 145:106022

L7 ANSWER 31 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:469480 CAPLUS

DN 144:490632

TI Processes for production and purification of hydrofluoroolefins

IN Miller, Ralph Newton; Nappa, Mario Joseph; Rao, Velliyur Nott

Mallikarjuna; Sievert, Allen Capron

PA USA

SO U.S. Pat. Appl. Publ., 27 pp., Cont.-in-part of U.S. Ser. No. 259,901.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006106263	A1	20060518	US 2005-264183	20051101
	US 2006094911	A1	20060504	US 2005-259901	20051027
	EP 1805124	A2	20070711	EP 2005-819557	20051028
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	WO 2007053178	A1	20070510	WO 2006-US13361	20060411
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI US 2004-623210P P 20041029
 US 2005-259901 A2 20051027
 WO 2005-US39169 W 20051028
 US 2005-264183 A 20051101

OS CASREACT 144:490632

L7 ANSWER 32 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:351522 CAPLUS

DN 145:49905

TI Experimental and Quantum Chemical Study of the Reaction $CF_2 + CH_3 \leftrightarrow CF_2CH_3 \rightarrow CH_2:CF_2 + H$: A Key Mechanism in the Reaction between Methane and Fluorocarbons

AU Yu, Hai; Mackie, John C.; Kennedy, Eric M.; Dlugogorski, Bogdan Z.

CS Process Safety and Environment Protection Research Group, School of Engineering, The University of Newcastle, Callaghan, NSW 2308, Australia

SO Industrial & Engineering Chemistry Research (2006), 45(10), 3758-3762
 CODEN: IECRED; ISSN: 0888-5885
 PB American Chemical Society
 DT Journal
 LA English
 RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 33 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:337682 CAPLUS
 DN 144:350314
 TI Catalytic conversion of hydrofluoroalkanols into hydrofluoroalkenes
 IN Mukhopadhyay, Sudip; Tung, Hsuehsung; Nair, Haridasan K.
 PA Honeywell International Inc., USA
 SO U.S., 4 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 7026520	B1	20060411	US 2004-6922	20041208
	WO 2006063069	A2	20060615	WO 2005-US44298	20051209
	WO 2006063069	A3	20060817		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1828083.	A2	20070905	EP 2005-853260	20051209
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
PRAI	US 2004-6922	A	20041208		
	WO 2005-US44298	W	20051209		

OS CASREACT 144:350314; MARPAT 144:350314

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 34 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:192246 CAPLUS
 DN 144:256914
 TI Compositions comprising tetrafluoropropene and carbon dioxide
 IN Shankland, Ian; Singh, Rajiv R.
 PA Honeywell International, Inc., USA
 SO U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U.S. Ser. No. 837,521.
 CODEN: USXXCO

DT Patent
 LA English

FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006043331	A1	20060302	US 2005-118833	20050429
	US 2005241805	A1	20051103	US 2004-837521	20040429
	CA 2564897	A1	20051117	CA 2005-2564897	20050429
	CA 2564903	A1	20051117	CA 2005-2564903	20050429
	EP 1740518	A1	20070110	EP 2005-740929	20050429
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				

IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

EP 1740521	A1	20070110	EP 2005-744032	20050429
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1968915	A	20070523	CN 2005-80020225	20050429
CN 1972887	A	20070530	CN 2005-80020412	20050429
KR 2007005737	A	20070110	KR 2006-725179	20061129
KR 2007011554	A	20070124	KR 2006-725180	20061129
PRAI US 2004-567425P	P	20040429		
US 2004-567426P	P	20040429		
US 2004-567427P	P	20040429		
US 2004-567428P	P	20040429		
US 2004-567429P	P	20040429		
US 2004-837521	A2	20040429		
WO 2005-US14950	W	20050429		
WO 2005-US15124	W	20050429		
OS	MARPAT 144:256914			

L7 ANSWER 35 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:192223 CAPLUS
 DN 144:256913
 TI Azeotrope-like compositions of tetrafluoropropene and trifluoriodomethane
 IN Wilson, David P.; Pham, Hang T.; Singh, Rajiv R.; Thomas, Raymond H.
 PA Honeywell International Inc., USA
 SO U.S. Pat. Appl. Publ., 13 pp., Cont.-in-part of U.S. Ser. No. 826,811.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006043330	A1	20060302	US 2005-109189	20050418
	US 2005233931	A1	20051020	US 2004-826072	20040416
	US 7074751	B2	20060711		
	US 2005233934	A1	20051020	US 2004-826592	20040416
	US 6969701	B2	20051129		
	US 2005233932	A1	20051020	US 2004-826597	20040416
	US 7098176	B2	20060829		
	US 2005233933	A1	20051020	US 2004-826727	20040416
	US 2005233923	A1	20051020	US 2004-826811	20040416
PRAI	US 2004-563085P	P	20040416		
	US 2004-826072	A2	20040416		
	US 2004-826592	A2	20040416		
	US 2004-826597	A2	20040416		
	US 2004-826727	A2	20040416		
	US 2004-826811	A2	20040416		

L7 ANSWER 36 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:149940 CAPLUS
 DN 144:215681
 TI Stabilized trifluoriodomethane compositions
 IN Wilson, David P.; Thomas, Raymond H.; Singh, Rajiv R.
 PA Honeywell International, Inc., USA
 SO U.S. Pat. Appl. Publ., 8 pp., Cont.-in-part of U.S. Ser., No. 826,811.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006033072	A1	20060216	US 2005-109575	20050418
	US 2005233931	A1	20051020	US 2004-826072	20040416
	US 7074751	B2	20060711		
	US 2005233934	A1	20051020	US 2004-826592	20040416

	US 6969701	B2	20051129		
	US 2005233932	A1	20051020	US 2004-826597	20040416
	US 7098176	B2	20060829		
	US 2005233933	A1	20051020	US 2004-826727	20040416
	US 2005233923	A1	20051020	US 2004-826811	20040416
PRAI	US 2004-563085P	P	20040416		
	US 2004-826072	A2	20040416		
	US 2004-826592	A2	20040416		
	US 2004-826597	A2	20040416		
	US 2004-826727	A2	20040416		
	US 2004-826811	A2	20040416		
OS	MARPAT 144:215681				

L7 ANSWER 37 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2006:94801 CAPLUS
DN 144:173962
TI Azeotrope-like compositions of tetrafluoropropene and pentafluoropropene
IN Wilson, David P.; Pham, Hang T.; Singh, Rajiv R.; Thomas, Raymond H.;
Nalewajek, David
PA Honeywell International Inc., USA
SO U.S. Pat. Appl. Publ., 11 pp., Cont.-in-part of U.S. Ser. No. 826,811.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2006022166	A1	20060202	US 2005-109190	20050418
	US 2005233931	A1	20051020	US 2004-826072	20040416
	US 7074751	B2	20060711		
	US 2005233934	A1	20051020	US 2004-826592	20040416
	US 6969701	B2	20051129		
	US 2005233932	A1	20051020	US 2004-826597	20040416
	US 7098176	B2	20060829		
	US 2005233933	A1	20051020	US 2004-826727	20040416
	US 2005233923	A1	20051020	US 2004-826811	20040416
PRAI	US 2004-563085P	P	20040416		
	US 2004-826072	A2	20040416		
	US 2004-826592	A2	20040416		
	US 2004-826597	A2	20040416		
	US 2004-826727	A2	20040416		
	US 2004-826811	A2	20040416		

L7 ANSWER 38 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2005:1241047 CAPLUS
DN 143:487065
TI Carbon-doped-Si oxide etch using H2 additive in fluorocarbon etch chemistry
IN Gu, Binxi; Delgadino, Gerardo; Ye, Yan; Chen, Mike Ming Yu
PA Applied Materials, Inc., USA
SO PCT Int. Appl., 105 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2005112092	A2	20051124	WO 2005-US16355	20050509
	WO 2005112092	A3	20070518		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,				

SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
 ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG, AP, EA, EP, OA

US 2005266691 A1 20051201 US 2005-126053 20050509
 KR 2007009729 A 20070118 KR 2006-725402 20061201
 PRAI US 2004-570524P P 20040511
 WO 2005-US16355 W 20050509

L7 ANSWER 39 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:1220416 CAPLUS
 DN 143:460601
 TI Processes for synthesis of 1,3,3,3-tetrafluoropropene and
 2,3,3,3-tetrafluoropropene
 IN Tung, Hsueh S.; Nair, Haridasan K.; Mukhopadhyay, Sundip S. M.; Van Der
 Puy, Michael
 PA Honeywell International, Inc., USA
 SO PCT Int. Appl., 23 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 24

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005108334	A1	20051117	WO 2005-US15125	20050429
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2564991	A1	20051117	CA 2005-2564991	20050429
EP 1740520	A1	20070110	EP 2005-742279	20050429
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1976885	A	20070606	CN 2005-80021796	20050429
KR 2007011555	A	20070124	KR 2006-725186	20061129
PRAI US 2004-567428P	P	20040429		
WO 2005-US15125	W	20050429		

OS MARPAT 143:460601
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 40 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:1132880 CAPLUS
 DN 143:388886
 TI Azeotrope-like compositions of tetrafluoropropene and trifluoriodomethane
 and applications
 IN Singh, Rajiv R.; Pham, Hang T.; Wilson, David P.; Thomas, Raymond H.
 PA Honeywell International, Inc., USA
 SO U.S. Pat. Appl. Publ., 7 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 13

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005233934	A1	20051020	US 2004-826592	20040416
	US 6969701	B2	20051129		
	AU 2005236036	A1	20051103	AU 2005-236036	20050418
	AU 2005236038	A1	20051103	AU 2005-236038	20050418
	AU 2005236039	A1	20051103	AU 2005-236039	20050418
	CA 2564023	A1	20051103	CA 2005-2564023	20050418
	WO 2005103187	A1	20051103	WO 2005-US13182	20050418
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IN Singh, Rajiv R.; Pham, Hang T.; Wilson, David P.; Thomas, Raymond H.;
Nalewajek, David
PA Honeywell International, Inc., USA
SO U.S. Pat. Appl. Publ., 4 pp.
CODEN: USXXCO
DT Patent
LA English
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 SO PCT Int. Appl., 29 pp.
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US 6858571	B2	20050222		
EP 1563032	A2	20050817	EP 2003-777896	20031027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003015633	A	20050823	BR 2003-15633	20031027
CN 1732243	A	20060208	CN 2003-80107462	20031027
JP 2006512426	T	20060413	JP 2004-547148	20031027
MX 2005PA04292	A	20050802	MX 2005-PA4292	20050422
IN 2005KN00962	A	20060721	IN 2005-KN962	20050524
ZA 2005004236	A	20060726	ZA 2005-4236	20050524
PRAI US 2002-421263P	P	20021025		
US 2002-421435P	P	20021025		
WO 2003-US33874	W	20031027		
OS MARPAT 140:377043				

L7 ANSWER 43 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2002:777868 CAPLUS
 DN 137:281036
 TI Oxidative process for the purification of saturated halocarbons from their
 mixtures containing unsaturated halocarbons
 IN Flaherty, Stephen Andrew; Stewart, Paul Hendry
 PA Ineos Fluor Holdings Limited, UK
 SO PCT Int. Appl., 24 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002079129	A2	20021010	WO 2002-GB1544	20020328
	WO 2002079129	A3	20021205		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002251234	A1	20021015	AU 2002-251234	20020328
	EP 1373173	A2	20040102	EP 2002-720164	20020328
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2004133051	A1	20040708	US 2004-473294	20040205
	US 7186869	B2	20070306		
PRAI	GB 2001-7705	A	20010328		
	WO 2002-GB1544	W	20020328		

L7 ANSWER 44 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2002:185482 CAPLUS
 DN 136:255880
 TI Dry etching gas and method for dry etching
 IN Hirose, Masataka; Nakamura, Shingo; Itano, Mitsushi; Aoyama, Hirokazu
 PA Daikin Industries, Ltd., Japan
 SO PCT Int. Appl., 18 pp.
 CODEN: PIXXD2
 DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002021586	A1	20020314	WO 2001-JP7678	20010905
	W: JP, KR, US				
	TW 507289	B	20021021	TW 2001-90122127	20010906
	US 2004011763	A1	20040122	US 2003-362973	20030306
PRAI	JP 2000-271709	A	20000907		
	WO 2001-JP7678	W	20010905		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 45 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2001:923728 CAPLUS

DN 136:39108

TI Fluorocarbon manufacturing process

IN Subramanian, Munirpallam A.

PA E. I. Du Pont de Nemours & Co., USA

SO PCT Int. Appl., 12 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096265	A1	20011220	WO 2000-US16128	20000612
	W: CN, IN, JP, KR				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 1289914	A1	20030312	EP 2000-939805	20000612
	EP 1289914	B1	20041006		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
	JP 2004503514	T	20040205	JP 2002-510411	20000612
	IN 2002MN01501	A	20040911	IN 2002-MN1501	20021025
PRAI	WO 2000-US16128	W	20000612		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 46 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2001:816600 CAPLUS

DN 135:346143

TI Adsorptive removal of (hydro)haloalkene impurities from haloalkane product streams

IN Corr, Stuart; McCarthy, John Charles

PA Ineos Fluor Holdings Limited, UK

SO PCT Int. Appl., 20 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001083411	A1	20011108	WO 2001-GB1920	20010502
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

EP 1278714 A1 20030129 EP 2001-925703 20010502
 EP 1278714 B1 20050112
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 JP 2003533447 T 20031111 JP 2001-580846 20010502
 AT 286868 T 20050115 AT 2001-925703 20010502
 ES 2239133 T3 20050916 ES 2001-1925703 20010502
 US 2003157009 A1 20030821 US 2003-258998 20030218
 US 7084315 B2 20060801
 PRAI GB 2000-10614 A 20000504
 WO 2001-GB1920 W 20010502
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 47 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2001:14297 CAPLUS
 DN 134:237080
 TI 1,2-FCI Rearrangement as an Intermediate Step in the Unimolecular 1,3-HCl
 Elimination from Chlorofluoropropanes
 AU Heard, George L.; Holmes, Bert E.
 CS Department of Chemistry, The University of North Carolina at Asheville,
 Asheville, NC, 28804, USA
 SO Journal of Physical Chemistry A (2001), 105(9), 1622-1625
 CODEN: JPCAFH; ISSN: 1089-5639
 PB American Chemical Society
 DT Journal
 LA English
 RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 48 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2000:847801 CAPLUS
 DN 134:8583
 TI Process and apparatus for recovery of valuable components from waste gases
 in semiconductor manufacturing
 IN Shitara, Chiharu
 PA NEC Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000334258	A	20001205	JP 1999-145291	19990525
	JP 3329378	B2	20020930		
PRAI	JP 1999-145291		19990525		

L7 ANSWER 49 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2000:531695 CAPLUS
 DN 133:137070
 TI Manufacture of fluorocarbons with increased fluorine content using silver
 fluoride compositions
 IN Subramanian, Munirpallam A.
 PA E. I. Du Pont de Nemours & Co., USA
 SO U.S., 4 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6096932	A	20000801	US 1999-360959	19990727
	US 6252099	B1	20010626	US 2000-536349	20000327

PRAI US 1998-94387P P 19980728
US 1999-360959 A3 19990727
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 50 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1998:638469 CAPLUS
DN 129:310145
TI Calculation of retention indexes of low-boiling organic compounds of
different chemical nature on the polymer sorbent Porapak Q
AU Zenkevich, I. G.
CS Chemistry Research Institute, St. Petersburg University, Petrodvorets,
198904, Russia
SO Journal of Analytical Chemistry (Translation of Zhurnal Analiticheskoi
Khimii) (1998), 53(9), 816-828
CODEN: JACTE2; ISSN: 1061-9348
PB MAIK Nauka/Interperiodica Publishing
DT Journal
LA English
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 51 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1997:711819 CAPLUS
DN 128:3379
TI Rate Constants for the Reactions of OH with HFC-245cb (CH₃CF₂CF₃) and Some
Fluoroalkenes (CH₂CHCF₃, CH₂CFCF₃, CF₂CFCF₃, and CF₂CF₂)
AU Orkin, Vladimir L.; Huie, Robert E.; Kurylo, Michael J.
CS Physical and Chemical Properties Division, National Institute of Standards
and Technology, Gaithersburg, MD, 20899, USA
SO Journal of Physical Chemistry A (1997), 101(48), 9118-9124
CODEN: JPCAFH; ISSN: 1089-5639
PB American Chemical Society
DT Journal
LA English
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 52 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1997:419276 CAPLUS
DN 127:144533
TI Quality control of GC retention indices data base for polymer sorbent
Porapak Q
AU Zenkevich, I.G.
CS Chemical Research Institute of St. Petersburg State University, St.
Petersburg, 198904, Russia
SO Process Control and Quality (1997), 9(1-3), 67-78
CODEN: PCQUEJ; ISSN: 0924-3089
PB Elsevier
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 53 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1997:381443 CAPLUS
DN 127:65486
TI Preparation of 2,3,3,3-tetrafluoropropene from trifluoroacetylacetone and
sulfur tetrafluoride
AU Banks, R. Eric; Barlow, Michael G.; Nickkho-Amiry, Mahmood
CS Chem. Dep., Univ. Manchester Inst. Sci. Technology (UMIST), Manchester,
M60 1QD, UK
SO Journal of Fluorine Chemistry (1997), 82(2), 171-174
CODEN: JFLCAR; ISSN: 0022-1139

PB Elsevier
DT Journal
LA English
OS CASREACT 127:65486
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 54 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1997:61805 CAPLUS
DN 126:143825
TI Threshold Energy and Unimolecular Rate Constant for Elimination of HF from
Chemically Activated CF₃CF₂CH₃: Effect of the CF₃ Substituent on the
 α -Carbon
AU McDoniel, J. Bridget; Holmes, Bert E.
CS Department of Chemistry, Lyon College, Batesville, AR, 72501, USA
SO Journal of Physical Chemistry A (1997), 101(7), 1334-1337
CODEN: JPCAFH; ISSN: 1089-5639
PB American Chemical Society
DT Journal
LA English
RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 55 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1992:533850 CAPLUS
DN 117:133850
TI Heat transfer fluids
IN Inagaki, Sadayasu; Kobayashi, Noboru; Kamimura, Shigehiro; Noguchi,
Masahiro
PA Daikin Industries, Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04110388	A	19920410	JP 1990-231618	19900831
PRAI	JP 1990-231618		19900831		
OS	MARPAT 117:133850				

L7 ANSWER 56 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1992:511088 CAPLUS
DN 117:111088
TI A novel synthesis of perhalogenated alkenes
AU Montanari, Vittorio; DesMarteau, Darryl D.
CS Ausimont, SpA, Bollate, 20021, Italy
SO Journal of Organic Chemistry (1992), 57(18), 5018-19
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English
OS CASREACT 117:111088

L7 ANSWER 57 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1991:239585 CAPLUS
DN 114:239585
TI Gas chromatographic identification of low-boiling fluorine-containing
substances by their retention indexes on Silipore 600
AU Zenkevich, I. G.; Tsibul'skaya, I. A.; Rodin, A. A.
CS State Inst. Appl. Chem., Leningr. State Univ., Leningrad, USSR
SO Zhurnal Analiticheskoi Khimii (1991), 46(1), 101-10
CODEN: ZAKHA8; ISSN: 0044-4502
DT Journal
LA Russian

L7 ANSWER 58 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1990:78156 CAPLUS
 DN 112:78156
 TI Preparation of fluorine-containing olefins by dehydrohalogenation
 IN Ihara, Kiyohiko; Yamaguchi, Fumihiko; Yamane, Shinichi
 PA Daikin Industries, Ltd., Japan
 SO Eur. Pat. Appl., 7 pp.
 CODEN: EPXXDW

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 328148	A1	19890816	EP 1989-102372	19890210
	EP 328148	B1	19920520		
	R: DE, FR, GB				
	JP 01207250	A	19890821	JP 1988-31551	19880212
	US 4900874	A	19900213	US 1989-308926	19890213
PRAI	JP 1988-31551	A	19880212		
OS	CASREACT 112:78156				

L7 ANSWER 59 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1989:231126 CAPLUS
 DN 110:231126
 TI Preparation of chloromethyl 2,3,3,3-tetrafluoropropanoate
 IN Furutaka, Yasuhisa; Yamana, Masayuki; Honda, Tsunetoshi
 PA Daikin Industries, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63303950	A	19881212	JP 1987-140570	19870604
	JP 07049391	B	19950531		
PRAI	JP 1987-140570		19870604		
OS	MARPAT 110:231126				

L7 ANSWER 60 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1989:74817 CAPLUS
 DN 110:74817
 TI Preparation of 2,3,3,3-tetrafluoropropene from chloromethyl 2,3,3,3-tetrafluoropropanoate
 IN Furutaka, Yasuhisa; Yamana, Masayuki; Honda, Tsunetoshi
 PA Daikin Industries, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 2 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63211245	A	19880902	JP 1987-46135	19870227
	JP 06088920	B	19941109		
PRAI	JP 1987-46135		19870227		

L7 ANSWER 61 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1983:421908 CAPLUS
 DN 99:21908
 TI Reaction of hydroxyl and carbonyl compounds with sulfur tetrafluoride.
 IX. Reactions of aliphatic β -diketones with sulfur tetrafluoride
 AU Stepanov, I. V.; Burmakov, A. I.; Kunshenko, B. V.; Alekseeva, L. A.;

Yagupol'skii, L. M.
CS Odess. Politekh. Inst., Odessa, USSR
SO Zhurnal Organicheskoi Khimii (1983), 19(2), 273-9
CODEN: ZORKAE; ISSN: 0514-7492
DT Journal
LA Russian
OS CASREACT 99:21908

L7 ANSWER 62 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1976:164254 CAPLUS
DN 84:164254
TI 1-Trifluoromethyl-1,2,2-trifluorocyclobutane
IN Fozzard, George B.
PA Phillips Petroleum Co., USA
SO U. S. Publ. Pat. Appl. B, 5 pp.
CODEN: USXXDP
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 330736	I5	19760203	US 1973-330736	19730208
	US 3996299	A	19761207		
PRAI	US 1973-330736	A	19730208		

L7 ANSWER 63 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1976:44253 CAPLUS
DN 84:44253
TI Polyfluoroalkyl derivatives of silicon. XIV. Reaction of trichlorosilane with 1,3,3,3-tetrafluoropropene and 2-chloro-1,3,3,3-tetrafluoropropene
AU Haszeldine, Robert N.; Pool, Colin R.; Tipping, Anthony E.
CS Univ. Manchester Inst. Sci. Technol., Manchester, UK
SO Journal of the Chemical Society, Dalton Transactions: Inorganic Chemistry (1972-1999) (1975), (21), 2292-4
CODEN: JCDBTI; ISSN: 0300-9246
DT Journal
LA English

L7 ANSWER 64 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1971:552133 CAPLUS
DN 75:152133
OREF 75:24001a,24004a
TI Radiation-induced polymerization at high pressure of 2,3,3,3-tetrafluoropropene in bulk and with tetrafluoroethylene
AU Brown, Daniel W.; Lowry, Robert E.; Wall, Leo A.
CS Inst. Mater. Res., Natl. Bur. Stand., Washington, DC, USA
SO Journal of Polymer Science, Polymer Chemistry Edition (1971), 9(7), 1993-2007
CODEN: JPLCAT; ISSN: 0449-296X
DT Journal
LA English

L7 ANSWER 65 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1970:78303 CAPLUS
DN 72:78303
OREF 72:14241a,14244a
TI Free-radical additions to unsaturated systems. XVII. Reaction of trifluoriodomethane with mixtures of ethylene and vinyl fluoride and of ethylene and propene
AU Haszeldine, Robert N.; Keen, D. W.; Tipping, A. E.
CS Chem. Dep., Univ. Manchester Inst. Sci. Technol., Manchester, UK
SO Journal of the Chemical Society [Section] C: Organic (1970), (3), 414-21
CODEN: JSOAX; ISSN: 0022-4952
DT Journal

LA English

L7 ANSWER 66 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1966:92924 CAPLUS
DN 64:92924
OREF 64:17422a-c
TI Homotelomers of 2,3,3,3-tetrafluoro-1-propene
IN Hauptschein, Murray; Braid, Milton; Lawlor, Francis E.
PA Pennsalt Chemicals Corp.
SO 4 pp.; Continuation-in-part of U.S. 3,083,238 (CA 58, 13815h)
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 3240825		19660315	US 1963-251073	19630114

L7 ANSWER 67 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1963:441174 CAPLUS
DN 59:41174
OREF 59:7359b-c
TI Chlorination of 2,2,4-trimethylpentane
AU Fuller, A. E.; Hickinbottom, W. J.
CS Queen Mary Coll., London
SO Proc. Chem. Soc. (1963), (May), 147-8
DT Journal
LA Unavailable

L7 ANSWER 68 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1963:441173 CAPLUS
DN 59:41173
OREF 59:7359a-b
TI 1,1-Difluoroethylene by the copyrolysis of methyl chloride and difluorochloromethane
AU Madai, Helmut; Mueller, Richard
CS Inst. Silikon Fluorkarbonchemie, Radebeul-Dresden, Germany
SO Journal fuer Praktische Chemie (Leipzig) (1963), 19, 202-5
CODEN: JPCEAO; ISSN: 0021-8383
DT Journal
LA Unavailable

L7 ANSWER 69 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1963:409609 CAPLUS
DN 59:9609
OREF 59:1813h,1814a-c
TI Copolymer of 2,3,3,3-tetrafluoropropene and fluorinated conjugated diolefins
IN Lo, Elizabeth S.
PA Minnesota Mining and Manufacturing Co.
SO 6 pp.; Division of U.S. 2,970,988 (CA 55, 12938a)
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 3085996		19630416	US 1960-56615	19600718
PRAI	US		19600718		

L7 ANSWER 70 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1962:45572 CAPLUS
DN 56:45572
OREF 56:8560d-e
TI 2,3,3,3-Tetrafluoropropene
IN Rausch, Douglas A.

PA Dow Chemical Co.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2996555		19610815	US 1959-822733	19590625
PRAI	US		19590625		

L7 ANSWER 71 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1962:45571 CAPLUS
DN 56:45571
OREF 56:8560b-d
TI Aliphatic bromides
IN Hadley, David James; Gasson, Edward J.
PA Distillers Company Ltd.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	GB 841745			GB	19590310
	US 3108141		19631022	US 1959-800364	19590319
PRAI	GB		19590310		

L7 ANSWER 72 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1961:68111 CAPLUS
DN 55:68111
OREF 55:12938a-b
TI Fluorine-containing polymers
IN Lo, Elizabeth S.
PA Minnesota Mining and Manufacturing Co.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 2970988		19610207	US 1955-540607	19551014

L7 ANSWER 73 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1961:68110 CAPLUS
DN 55:68110
OREF 55:12937h-i,12938a
TI Heterogeneous ethylene-propylene block copolymers
PA "Montecatini" Societa generale per l'industria mineraria e chimica
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	IT 594018		19590525	IT	

L7 ANSWER 74 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1961:2127 CAPLUS
DN 55:2127
OREF 55:349c-g
TI Reactions of fluoro olefins. XIII. Catalytic hydrogenation of perfluoro olefins
AU Knunyants, I. L.; Krasuskaya, M. P.; Mysov, E. I.
CS Inst. Heteroorg. Compds., Moscow
SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1960) 1412-18
CODEN: IASKA6; ISSN: 0002-3353
DT Journal
LA Unavailable

L7 ANSWER 75 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1960:102901 CAPLUS
 DN 54:102901
 OREF 54:19482b-c
 TI 2,3,3,3-Tetrafluoropropene
 IN Marquis, David M.
 PA E. I. du Pont de Nemours & Co.
 DT Patent
 LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2931840		19600405	US 1958-776184	19581125

L7 ANSWER 76 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1960:102900 CAPLUS
 DN 54:102900
 OREF 54:19481i,19482a-b
 TI Chloromethyl dienes
 IN Berenbaum, Morris B.
 PA Thiokol Chemical Corp.
 DT Patent
 LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 2937125		19600517	US 1957-694494	19571105
	DE 1086223			DE	
	GB 841347			GB	

L7 ANSWER 77 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1957:76733 CAPLUS
 DN 51:76733
 OREF 51:13737f-i,13738a-c
 TI Addition of free radicals to unsaturated systems. XIII. Direction of radical addition to chloro-1,1-difluoroethylene
 AU Haszeldine, R. N.; Steele, B. R.
 CS Univ. Chem. Lab., Cambridge, UK
 SO Journal of the Chemical Society (1957) 2193-7
 CODEN: JCSOA9; ISSN: 0368-1769
 DT Journal
 LA Unavailable

L7 ANSWER 78 OF 78 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1946:14644 CAPLUS
 DN 40:14644
 OREF 40:2780h-i,2781a-e
 TI Fluorinated derivatives of propane and propylene. VI
 AU Henne, Albert L.; Waalkes, T. Phillip
 CS Ohio State Univ., Columbus
 SO Journal of the American Chemical Society (1946), 68, 496-7
 CODEN: JACSAT; ISSN: 0002-7863
 DT Journal
 LA Unavailable

=> s 2252-83-7/rn full

47 2252-83-7

0 2252-83-7D

L8 47 2252-83-7/RN

(2252-83-7 (NOTL) 2252-83-7D)

=> d 18 1-47

L8 ANSWER 1 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:984772 CAPLUS
 DN 147:346362
 TI Heat transfer composition
 IN Low, Robert Elliott; Corr, Stuart
 PA Ineos Fluor Holdings Limited, UK
 SO Brit. UK Pat. Appl., 44pp.
 CODEN: BAXXDU
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2435747	A	20070905	GB 2006-19503	20061003
	GB 2437373	A	20071024	GB 2006-19504	20061003
PRAI	GB 2006-14067	A	20060717		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:790061 CAPLUS
 DN 147:191684
 TI Refrigerant additive compositions containing perfluoropolyethers
 IN Leck, Thomas J.; Saturno, Thomas Frank; Bell, Gregory A.
 PA E. I. Du Pont De Nemours and Company, USA
 SO PCT Int. Appl., 32pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007082046	A1	20070719	WO 2007-US783	20070112
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	US 2007187639	A1	20070816	US 2007-653125	20070112
PRAI	US 2006-758735P	P	20060113		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:512186 CAPLUS
 DN 146:503389
 TI Compositions comprising fluoroolefins and uses thereof
 IN Sievert, Allen Capron; Nappa, Mario Joseph; Minor, Barbara Haviland; Leck, Thomas J.; Rao, Velliyur Nott Mallikarjuna; Swearingen, Ekaterina N.; Schmitz, Corneille; Mouli, Nandini; Perti, Deepak
 PA E. I. Du Pont De Nemours and Company, USA
 SO PCT Int. Appl., 133pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007053697	A2	20070510	WO 2006-US42686	20061031
	WO 2007053697	A3	20070628		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	US 2007108403	A1	20070517	US 2006-589588	20061030
PRAI	US 2005-732581P	P	20051101		
	US 2006-486791	A	20060713		
	US 2006-589588	A	20061030		

L8 ANSWER 4 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:488744 CAPLUS
 DN 146:482943
 TI Blowing agents containing unsaturated fluorocarbons for manufacturing plastic foam
 IN Creazzo, Joseph Anthony; Nappa, Mario Joseph; Sievert, Allen Capron; Swearingen, Ekaterina N.
 PA USA
 SO U.S. Pat. Appl. Publ., 19pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007100010	A1	20070503	US 2006-591350	20061101
	US 2007100009	A1	20070503	US 2006-591349	20061101
	US 2007100011	A1	20070503	US 2006-591400	20061101
	US 2007102021	A1	20070510	US 2006-591401	20061101
	US 2007105738	A1	20070510	US 2006-591650	20061101
	WO 2007053670	A2	20070510	WO 2006-US42623	20061101
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	WO 2007053672	A2	20070510	WO 2006-US42633	20061101
	WO 2007053672	A3	20070628		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				

IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

WO 2007053673 A2 20070510 WO 2006-US42634 20061101
WO 2007053673 A3 20070705

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
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CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

WO 2007053674 A2 20070510 WO 2006-US42635 20061101

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

WO 2007053675 A2 20070510 WO 2006-US42636 20061101

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

PRAI US 2005-732090P P 20051101

US 2005-732771P P 20051101

OS MARPAT 146:482943

L8 ANSWER 5 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:484988 CAPLUS

DN 146:484217

TI Direct conversion of HCFC 225ca/cb mixture to HFC 245cb and HFC 1234yf

IN Nair, Haridasan; Mukhopadhyay, Sudip; Van Der Puy, Michael

PA Honeywell International Inc., USA

SO U.S. Pat. Appl. Publ., 6pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007096053	A1	20070503	US 2005-265949	20051103
	WO 2007086972	A2	20070802	WO 2006-US42704	20061031
	WO 2007086972	A3	20071004		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRAI US 2005-265949 A 20051103

L8 ANSWER 6 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:484723 CAPLUS
 DN 146:464521
 TI Azeotrope compositions comprising nonafluoropentene and hydrogen fluoride and uses thereof
 IN Miller, Ralph Newton; Nappa, Mario Joseph; Rao, Velliyur Nott Mallikarjuna; Sievert, Allen Capron
 PA USA
 SO U.S. Pat. Appl. Publ., 17pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007099811	A1	20070503	US 2006-590457	20061031
	WO 2007053738	A2	20070510	WO 2006-US42773	20061101
	WO 2007053738	A3	20070920		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRAI US 2005-732320P P 20051101

L8 ANSWER 7 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:484395 CAPLUS
 DN 146:468564
 TI Aerosol propellants comprising unsaturated fluorocarbons
 IN Nappa, Mario Joseph; Creazzo, Joseph Anthony; Sievert, Allen Capron; Swearingen, Ekaterina N.
 PA USA
 SO U.S. Pat. Appl. Publ., 13pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007098646	A1	20070503	US 2006-590344	20061030
	WO 2007053671	A1	20070510	WO 2006-US42632	20061101

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
 KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
 MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
 RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
 TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

PRAI US 2005-732292P P 20051101
 OS MARPAT 146:468564

L8 ANSWER 8 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2007:175432 CAPLUS
 DN 146:231398
 TI Preparation of pentafluoropropenes by chlorofluorination and
 dehydrofluorination
 IN Rao, Velliyur Nott Mallikarjuna; Sievert, Allen C.; Rosenfeld, H. David;
 Subramoney, Shekhar
 PA E. I. Du Pont De Nemours and Company, USA
 SO PCT Int. Appl., 21pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007019354	A1	20070215	WO 2006-US30530	20060804
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRAI US 2005-706158P P 20050805
 OS CASREACT 146:231398; MARPAT 146:231398
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:1150221 CAPLUS
 DN 145:473771
 TI Fluoroolefin-based fluorocarbon-hydrocarbon mixtures as working fluids,
 heat transfer agents, and fire extinguishers
 IN Minor, Barbara Haviland; Rao, Velliyur Nott Mallikarjuna; Bivens, Donald
 Bernard; Perti, Deepak; Baunchalk, Mark Steven
 PA USA
 SO U.S. Pat. Appl. Publ., 77pp., Cont.-in-part of U.S. Ser. No. 369,227.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006243945	A1	20061102	US 2006-393109	20060330
US 2006243944	A1	20061102	US 2006-369227	20060302
PRAI US 2005-658543P	P	20050304		

US 2005-710439P P 20050823
US 2005-732769P P 20051101
US 2006-369227 A2 20060302

OS MARPAT 145:473771

L8 ANSWER 10 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:917627 CAPLUS

DN 145:317314

TI Low-ozone-depletion and low-global-warming-potential working fluids
containing C3-fluorooolefins

IN Minor, Barbara Haviland; Rao, Velliyur Nott Mallikarjuna; Bivens, Donald
Bernard; Perti, Deepak

PA E.I. Dupont de Nemours and Company, USA

SO PCT Int. Appl., 177 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006094303	A2	20060908	WO 2006-US8164	20060303
	WO 2006094303	A3	20070621		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
	US 2006243944	A1	20061102	US 2006-369227	20060302
	AU 2006218376	A1	20060908	AU 2006-218376	20060303
	IN 2007DN06834	A	20070921	IN 2007-DN6834	20070903
PRAI	US 2005-658543P	P	20050304		
	US 2005-710439P	P	20050823		
	US 2005-732769P	P	20051101		
	US 2006-369227	A	20060302		
	WO 2006-US8164	W	20060303		
OS	MARPAT 145:317314				

L8 ANSWER 11 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:544490 CAPLUS

DN 145:28366

TI synthesis of fluorinated divinyl ethers useful for optical devices,
adhesives and coatings

IN Nair, Haridasan K.; Nalewajek, David

PA Honeywell International Inc., USA

SO U.S. Pat. Appl. Publ., 11 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006122301	A1	20060608	US 2004-6879	20041208
PRAI	US 2004-6879		20041208		

L8 ANSWER 12 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:469480 CAPLUS

DN 144:490632

TI Processes for production and purification of hydrofluoroolefins
 IN Miller, Ralph Newton; Nappa, Mario Joseph; Rao, Velliyur Nott
 Mallikarjuna; Sievert, Allen Capron
 PA USA
 SO U.S. Pat. Appl. Publ., 27 pp., Cont.-in-part of U.S. Ser. No. 259,901.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006106263	A1	20060518	US 2005-264183	20051101
	US 2006094911	A1	20060504	US 2005-259901	20051027
	EP 1805124	A2	20070711	EP 2005-819557	20051028
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	WO 2007053178	A1	20070510	WO 2006-US13361	20060411
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	US 2004-623210P	P	20041029		
	US 2005-259901	A2	20051027		
	WO 2005-US39169	W	20051028		
	US 2005-264183	A	20051101		
OS	CASREACT 144:490632				

L8 ANSWER 13 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:231408 CAPLUS
 DN 144:293235
 TI Fluorinated compounds having epoxy and vinyl ether functional groups
 IN Nair, Haridasan K.; Nalewajek, David; Lavery, Dennis M.
 PA Honeywell International Inc., USA
 SO U.S. Pat. Appl. Publ., 9 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006058428	A1	20060316	US 2004-942759	20040916
PRAI	US 2004-942759		20040916		
OS	MARPAT 144:293235				

L8 ANSWER 14 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:371000 CAPLUS
 DN 140:377043
 TI Compositions containing fluorine substituted olefins
 IN Singh, Rajiv R.; Pham, Hang T.; Wilson, David P.; Thomas, Raymond H.
 PA Honeywell International Inc., USA
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 24

	PATENT-NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004037913	A2	20040506	WO 2003-US33874	20031027
	WO 2004037913	A3	20050120		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2503421	A1	20040506	CA 2003-2503421	20031027
	AU 2003286685	A1	20040513	AU 2003-286685	20031027
	US 2004127383	A1	20040701	US 2003-694079	20031027
	US 6858571	B2	20050222		
	EP 1563032	A2	20050817	EP 2003-777896	20031027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003015633	A	20050823	BR 2003-15633	20031027
	CN 1732243	A	20060208	CN 2003-80107462	20031027
	JP 2006512426	T	20060413	JP 2004-547148	20031027
	MX 2005PA04292	A	20050802	MX 2005-PA4292	20050422
	IN 2005KN00962	A	20060721	IN 2005-KN962	20050524
	ZA 2005004236	A	20060726	ZA 2005-4236	20050524
PRAI	US 2002-421263P	P	20021025		
	US 2002-421435P	P	20021025		
	WO 2003-US33874	W	20031027		
OS	MARPAT 140:377043				

L8 ANSWER 15 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2002:185482 CAPLUS
DN 136:255880
TI Dry etching gas and method for dry etching
IN Hirose, Masataka; Nakamura, Shingo; Itano, Mitsushi; Aoyama, Hirokazu
PA Daikin Industries, Ltd., Japan
SO PCT Int. Appl., 18 pp.
CODEN: PIXXD2

DT Patent
LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002021586	A1	20020314	WO 2001-JP7678	20010905
	W: JP, KR, US				
	TW 507289	B	20021021	TW 2001-90122127	20010906
	US 2004011763	A1	20040122	US 2003-362973	20030306
PRAI	JP 2000-271709	A	20000907		
	WO 2001-JP7678	W	20010905		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 16 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2001:899603 CAPLUS
DN 136:53453
TI The analysis of 1,1,2-trifluoro-1,2-dichloroethane thermal decomposition process
AU Nikolaev, A. A.; Rozhdestvenskaya, O. V.; Barabanov, V. G.
CS Russia
SO Fluorine Notes [online computer file] (2000), 8, No pp. given
CODEN: FNLOA7
URL: http://www.fluorine.ru/Notes/contents/history/2000/1_2000/letters/ind

ex.html
 PB P&M Ltd.
 DT Journal; (online computer file)
 LA English
 RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 17 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2000:266246 CAPLUS
 DN 132:278918
 TI Preparation of fluoroalkanes
 IN Tamura, Masanori; Sekiya, Akira
 PA Agency of Industrial Sciences and Technology, Japan
 SO Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000119201	A	20000425	JP 1998-289734	19981012
	JP 3015880	B2	20000306		
PRAI	JP 1998-289734		19981012		
OS	CASREACT 132:278918; MARPAT 132:278918				

L8 ANSWER 18 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2000:142533 CAPLUS
 DN 132:166716
 TI Dehydrofluorination process and catalyst for the manufacture of fluoroalkenes from hydrofluorocarbons
 IN Mallikarjuna, Rao V.; Subramanian, Munirpallam A.
 PA E. I. Du Pont de Nemours & Co., USA
 SO U.S., 5 pp.
 CODEN: USXXAM

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6031141	A	20000229	US 1998-129821	19980806
PRAI	US 1997-56793P	P	19970825		
OS	MARPAT 132:166716				

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 19 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1998:545813 CAPLUS
 DN 129:238725
 TI Fluorocarbon dry-etching and cleaning gas
 IN Itano, Atsushi
 PA Daikin Industries, Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10223614	A	19980821	JP 1997-27382	19970212
	WO 9836449	A1	19980820	WO 1998-JP496	19980205
	W: CN, KR, SG, US RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	JP 1997-27382	A	19970212		
OS	MARPAT 129:238725				

L8 ANSWER 20 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1997:74871 CAPLUS
 DN 126:131133
 TI Experimental flow tube study on pyrolysis of 2-chloro-1,1,1-trifluoroethane
 AU Salmon, Robert P.; Ritter, Edward R.
 CS Department of Chemical Engineering, Villanova University, Villanova, PA, 19085, USA
 SO Chemical and Physical Processes in Combustion (1996) 507-510
 CODEN: CPPCD9; ISSN: 0277-1128
 PB Combustion Institute
 DT Journal
 LA English
 OS CASREACT 126:131133
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 21 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1996:171825 CAPLUS
 DN 124:201628
 TI Production of 1,2-dihydro- and 2,2-dihydrohexafluoropropanes and azeotropes thereof with HF
 IN Rao, Velliyur Nott Mallikarjuna; Walczak, Francis John
 PA du Pont de Nemours, E. I., and Co., USA
 SO PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9532935	A1	19951207	WO 1995-US5862	19950519
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5563304	A	19961008	US 1994-249405	19940526
	EP 763004	A1	19970319	EP 1995-919129	19950519
	EP 763004	B1	20000830		
	R: DE, ES, FR, GB, IT, NL				
	JP 10500957	T	19980127	JP 1995-500047	19950519
	ES 2151062	T3	20001216	ES 1995-919129	19950519
	US 6388147	B1	20020514	US 1999-445742	19991210
	US 2002128526	A1	20020912	US 2002-96295	20020311
	US 6472574	B2	20021029		
PRAI	US 1994-249405	A	19940526		
	WO 1995-US5862	W	19950519		
	US 1999-445742	A3	19991210		

L8 ANSWER 22 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1995:347097 CAPLUS
 DN 122:105244
 TI Dehydrofluorination and hydrogenation process and catalysts for the manufacture of 1,1,1,2,3-pentafluoropropane from 1,1,1,2,3,3-hexafluoropropane
 IN Nappa, Mario Joseph; Rao, Velliyur Nott Mallikarjuna
 PA du Pont de Nemours, E. I., and Co., USA
 SO PCT Int. Appl., 14 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9427940	A1	19941208	WO 1994-US5488	19940520

W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KG, KP, KR, KZ,
LK, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT,
UA, UZ, VN

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

US 5396000	A	19950307	US 1993-66451	19930524
AU 9469148	A	19941220	AU 1994-69148	19940520
EP 700372	A1	19960313	EP 1994-917412	19940520

R: DE, ES, FR, GB, IT, NL

JP 08510739	T	19961112	JP 1994-500747	19940520
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PRAI US 1993-66451 A 19930524

WO 1994-US5488 W 19940520

OS CASREACT 122:105244

L8 ANSWER 23 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1994:435866 CAPLUS

DN 121:35866

TI Preparation of fluoro(1-pentafluoro-1-propenyl)trialkylphosphorane as
fluorinating reagent and fluorinating method

IN Aoyama, Hirokazu

PA Daikin Industries Ltd., Japan

SO PCT Int. Appl., 11 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 9403414	A1	19940217	WO 1993-JP1014	19930719
	W: US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	JP 06056858	A	19940301	JP 1992-224591	19920731
	JP 3142025	B2	20010307		
	EP 650948	A1	19950503	EP 1993-916197	19930719
	EP 650948	B1	19990421		
	R: DE, FR, GB				
	US 5527960	A	19960618	US 1995-373280	19950124
PRAI	JP 1992-224591	A	19920731		
	WO 1993-JP1014	W	19930719		
OS	CASREACT 121:35866; MARPAT 121:35866				

L8 ANSWER 24 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1989:496535 CAPLUS

DN 111:96535

TI Effect of substituents at position 1 on the carbon-13 chemical shift of
polyfluorinated alkenes and allyl cations

AU Bakmutov, V. I.; Galakhov, M. V.; Kvasov, B. A.; Fedin, E. I.

CS Inst. Elementoorg. Soedin., Moscow, USSR

SO Izvestiya Akademii Nauk SSSR, Seriya, Khimicheskaya (1989), (2), 286-91

CODEN: IASKA6; ISSN: 0002-3353

DT Journal

LA Russian

L8 ANSWER 25 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1989:230981 CAPLUS

DN 110:230981

TI Direct carbon-13-fluorine-19 spin coupling constants of the sp² carbon
atoms in polyfluorinated olefins and allyl cations

AU Bakmutov, V. I.; Galakhov, M. V.; Kvasov, B. A.; Fedin, E. I.

CS Inst. Elementoorg. Soedin. im. Nesmeyanova, Moscow, USSR

SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1988), (10), 2277-81

CODEN: IASKA6; ISSN: 0002-3353

DT Journal

LA Russian

L8 ANSWER 26 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1987:636016 CAPLUS
 DN 107:236016
 TI Synthesis of perfluoroallyl chloride and some chlorofluoropropenes
 AU Paleta, Oldrich; Kvicala, Jaroslav; Gunter, Jaroslav; Dedek, Vaclav
 CS Dep. Org. Chem., Prague Inst. Chem. Technol., Prague, 16628/6, Czech.
 SO Bulletin de la Societe Chimique de France (1986), (6), 920-4
 CODEN: BSCFAS; ISSN: 0037-8968
 DT Journal
 LA English
 OS CASREACT 107:236016

L8 ANSWER 27 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1982:598586 CAPLUS
 DN 97:198586
 TI A comparative study on some fluoroalcohols as potential solvents for
 aliphatic polyamides
 AU Costa, Giovanna; Russo, Saverio; Bonardelli, Piergiorgio; Moggi, Giovanni
 CS Cent. Stud. Chim. Fis. Macromol. Sintet. Nat., CNR, Genoa, 16132, Italy
 SO Journal of Macromolecular Science, Chemistry (1982), A18(2), 299-312
 CODEN: JMCHBD; ISSN: 0022-233X
 DT Journal
 LA English

L8 ANSWER 28 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1982:562263 CAPLUS
 DN 97:162263
 TI Electrophilic condensation of 1-hydroperfluoropropylene and
 1-hydroperfluorobut-4-ene with fluorinated ethylenes
 AU Petrov, V. A.; Belen'kii, G. G.; German, L. S.
 CS Inst. Elementoorg. Soedin., Moscow, USSR
 SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1982), (7), 1591-4
 CODEN: IASKA6; ISSN: 0002-3353
 DT Journal
 LA Russian
 OS CASREACT 97:162263

L8 ANSWER 29 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1976:16683 CAPLUS
 DN 84:16683
 TI Polyfluorocarbanion chemistry. IV. Reactions of 2H- and
 1H-pentafluoropropene with nucleophiles
 AU Haszeldine, Robert N.; McAllister, James R.; Tipping, Anthony E.
 CS Dep. Chem., Univ. Manchester Inst. Sci. Technol., Manchester, UK
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
 Bio-Organic Chemistry (1972-1999) (1975), (20), 2015-19
 CODEN: JCPRB4; ISSN: 0300-922X
 DT Journal
 LA English

L8 ANSWER 30 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 1975:592468 CAPLUS
 DN 83:192468
 TI Polyfluoroalkyl derivatives of nitrogen. XLII. Reaction of
 N-(bromobis(trifluoromethyl)amine with 1H-pentafluoropropene and the
 thermal rearrangement of N,N-bis(trifluoromethyl)vinylamines
 AU Fleming, George L.; Haszeldine, Robert N.; McAllister, James R.; Tipping,
 Anthony E.
 CS Chem. Dep., Univ. Manchester Inst. Sci. Technol., Manchester, UK
 SO Journal of the Chemical Society, Perkin Transactions 1: Organic and
 Bio-Organic Chemistry (1972-1999) (1975), (17), 1633-8
 CODEN: JCPRB4; ISSN: 0300-922X
 DT Journal

LA English

L8 ANSWER 31 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1974:535347 CAPLUS

DN 81:135347

TI Addition of free radicals to unsaturated systems. XXI. Reactions of 1H-pentafluoropropene with bromine, hydrogen bromide, and trifluoroiodomethane under free-radical conditions

AU Haszeldine, Robert N.; McAllister, James R.; Tipping, Anthony E.

CS Chem. Dep., Univ. Manchester Inst. Sci. Technol., Manchester, UK

SO Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (1974), (11), 1303-7

CODEN: JCPRB4; ISSN: 0300-922X

DT Journal

LA English

L8 ANSWER 32 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1970:530575 CAPLUS

DN 73:130575

OREF 73:21281a,21284a

TI Azide chemistry. III. Polyfluorinated azides from 1H- and 2H-pentafluoropropene and perfluorobut-2-yne

AU Banks, Ronald E.; McGlinchey, M. J.

CS Inst. Sci. Technol., Univ. Manchester, Manchester, UK

SO Journal of the Chemical Society [Section] C: Organic (1970), (16), 2172-5

CODEN: JSOAX; ISSN: 0022-4952

DT Journal

LA English

L8 ANSWER 33 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1966:404712 CAPLUS

DN 65:4712

OREF 65:903a-d

TI Elastomeric, fluorine-containing copolymers and shaped articles therefrom

PA "Montecatini" Societa generale per l'industria mineraria e chimica

SO 17 pp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	NL 6509095		19660201	NL 1965-9095	19650714
	BE 667693			BE	
PRAI	IT		19640731		

L8 ANSWER 34 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1966:4238 CAPLUS

DN 64:4238

OREF 64:753c-d

TI Chemistry of the metal carbonyls. XXXI. Reactions between some fluoro olefins and carbonylmetal anions

AU Jolly, P. W.; Bruce, M. I.; Stone, F. G. A.

CS Univ. Bristol, UK

SO Journal of the Chemical Society (1965), (Nov.), 5830-7

CODEN: JCSOA9; ISSN: 0368-1769

DT Journal

LA English

L8 ANSWER 35 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1966:1218 CAPLUS

DN 64:1218

OREF 64:194a

TI A correlation of 19F-19F geminal coupling constants with chemical shifts in the nuclear magnetic resonance spectra of fluoroalkenes

AU Reuben, J.; Shvo, Y.; Demiel, A.
CS Weizmann Inst. Sci., Rehovoth, Israel
SO Journal of the American Chemical Society (1965), 87(17), 3995-6
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English

L8 ANSWER 36 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1965:447254 CAPLUS

DN 63:47254

OREF 63:8617c-e

TI Fluoro olefin copolymers for coatings

IN Sianesi, Dario; Bernardi, Gian C.; Reggio, Antonino

PA "Montecatini" Societa Generale per l'Industria Mineraria e Chimica

SO 27 pp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 645894		19640716	BE	
	GB 1032244			GB	
PRAI	IT		19630401		

L8 ANSWER 37 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1965:447253 CAPLUS

DN 63:47253

OREF 63:8617b-c

TI Dioxolane derivatives as additives for epoxy coating resins

IN Kasper, Eberhard

SO 3 pp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DD 36579		19650205	DD	19631026
PRAI	DD		19631026		

L8 ANSWER 38 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1965:424860 CAPLUS

DN 63:24860

OREF 63:4477h,4478a

TI Thermoplastic fluoro polymers

IN Sianesi, Dario; Bernardi, Gian C.; Diotallevi, Gianfranco

PA "Montecatini" Societa Generale per l'Industria Mineraria e Chimica

SO 20 pp.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	BE 642942		19640724	BE	
	FR 1384989			FR	
	GB 1027411			GB	
	IT 682050			IT	
	NL 302844			NL	
PRAI	IT		19630125		

L8 ANSWER 39 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1965:424859 CAPLUS

DN 63:24859

OREF 63:4477f-h

TI Stabilized polyolefin molding materials

IN Hrubesch, Adolf; Moeller, Hans; Herbeck, Rudolf
PA Badische Anilin- & Soda-Fabrik A.-G.
SO 2 pp.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1193247 BE 652548		19650520	DE 1963-B73384 BE	19630904
PRAI	DE		19630904		

L8 ANSWER 40 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1965:62872 CAPLUS
DN 62:62872
OREF 62:11165b-c
TI Molar refractivity in fluorine-containing perhalo compounds
AU Fainberg, Arnold H.; Miller, William T., Jr.
CS Cornell Univ., Ithaca, NY
SO Journal of Organic Chemistry (1965), 30(3), 864-76
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA English

L8 ANSWER 41 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1964:72748 CAPLUS
DN 60:72748
OREF 60:12797c-d
TI Chemical shifts and temperature dependence of spin-spin coupling constants of fluoropropenes
AU Ramey, Kermit C.; Brey, Wallace S., Jr.
CS Univ. of Florida, Gainesville
SO Journal of Chemical Physics (1964), 40(8), 2349-53
CODEN: JCPSA6; ISSN: 0021-9606
DT Journal
LA Unavailable

L8 ANSWER 42 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1963:421248 CAPLUS
DN 59:21248
OREF 59:3754f-h,3755a
TI Some gas-phase reactions of fluoroallyl halides
AU Tarrant, Paul; Savory, John
CS Univ. of Florida, Gainesville
SO Journal of Organic Chemistry (1963), 28, 1728-30
CODEN: JOCEAH; ISSN: 0022-3263
DT Journal
LA Unavailable

L8 ANSWER 43 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1961:2127 CAPLUS
DN 55:2127
OREF 55:349c-g
TI Reactions of fluoro olefins. XIII. Catalytic hydrogenation of perfluoro olefins
AU Knunyants, I. L.; Krasuskaya, M. P.; Mysov, E. I.
CS Inst. Heteroorg. Compds., Moscow
SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1960) 1412-18
CODEN: IASKA6; ISSN: 0002-3353
DT Journal
LA Unavailable

L8 ANSWER 44 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1961:2126 CAPLUS

DN 55:2126
OREF 55:349b-c
TI Organomagnesium synthesis of 2-octyl-1,3-butadiene
AU Korotkov, A. A.; Lishanskii, I. S.; Fedorova, E. F.
CS High Polymer Inst., Leningrad
SO Zhurnal Obshchei Khimii (1960), 30, 960-2
CODEN: ZOKHA4; ISSN: 0044-460X
DT Journal
LA Unavailable

L8 ANSWER 45 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1959:6354 CAPLUS
DN 53:6354
OREF 53:1102b-c
TI Catalytic hydrogenation of ϕ -olefins
AU Knunyants, I. L.; Mysov, E. I.; Krasuskaya, M. P.
CS Inst. Heteroorg. Compds., Moscow
SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1958) 906-7
CODEN: IASKA6; ISSN: 0002-3353
DT Journal
LA Unavailable

L8 ANSWER 46 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1959:6353 CAPLUS
DN 53:6353
OREF 53:1101i,1102a-b
TI The stabilization of aliphatic iodine and bromine derivatives of hydrocarbons
AU Lastovskii, R. P.; Temkina, V. Ya.
SO Khim. Prom. (1958) 219-21
DT Journal
LA Unavailable

L8 ANSWER 47 OF 47 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1954:42259 CAPLUS
DN 48:42259
OREF 48:7534a-i
TI The addition of free radicals to unsaturated systems. III. Chlorotrifluoroethylene
AU Haszeldine, R. N.; Steele, B. R.
CS Univ., Cambridge, UK
SO Journal of the Chemical Society (1953) 1592-1600
CODEN: JCSOA9; ISSN: 0368-1769
DT Journal
LA Unavailable

=> s 2252-83-7/rn and 754-12-1/rn full
47 2252-83-7
0 2252-83-7D
47 2252-83-7/RN
(2252-83-7 (NOTL) 2252-83-7D)
78 754-12-1
0 754-12-1D
78 754-12-1/RN
(754-12-1 (NOTL) 754-12-1D)
L9 12 2252-83-7/RN AND 754-12-1/RN

=> d 19 1-12

L9 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:984772 CAPLUS
DN 147:346362
TI Heat transfer composition

IN Low, Robert Elliott; Corr, Stuart
PA Ineos Fluor Holdings Limited, UK
SO Brit. UK Pat. Appl., 44pp.
CODEN: BAXXDU

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2435747	A	20070905	GB 2006-19503	20061003
	GB 2437373	A	20071024	GB 2006-19504	20061003
PRAI	GB 2006-14067	A	20060717		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:790061 CAPLUS

DN 147:191684

TI Refrigerant additive compositions containing perfluoropolyethers

IN Leck, Thomas J.; Saturno, Thomas Frank; Bell, Gregory A.

PA E. I. Du Pont De Nemours and Company, USA

SO PCT Int. Appl., 32pp.

CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007082046	A1	20070719	WO 2007-US783	20070112
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

US 2007187639 A1 20070816 US 2007-653125 20070112

PRAI US 2006-758735P P 20060113

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:512186 CAPLUS

DN 146:503389

TI Compositions comprising fluoroolefins and uses thereof

IN Sievert, Allen Capron; Nappa, Mario Joseph; Minor, Barbara Haviland; Leck, Thomas J.; Rao, Velliyur Nott Mallikarjuna; Swearingen, Ekaterina N.; Schmitz, Corneille; Mouli, Nandini; Perti, Deepak

PA E. I. Du Pont De Nemours and Company, USA

SO PCT Int. Appl., 133pp.

CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007053697	A2	20070510	WO 2006-US42686	20061031
	WO 2007053697	A3	20070628		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
 KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
 MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
 RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
 TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

US 2007108403 A1 20070517 US 2006-589588 20061030
 PRAI US 2005-732581P P 20051101
 US 2006-486791 A 20060713
 US 2006-589588 A 20061030

L9 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:488744 CAPLUS

DN 146:482943

TI Blowing agents containing unsaturated fluorocarbons for manufacturing
 plastic foam

IN Creazzo, Joseph Anthony; Nappa, Mario Joseph; Sievert, Allen Capron;
 Swearingen, Ekaterina N.

PA USA

SO U.S. Pat. Appl. Publ., 19pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007100010	A1	20070503	US 2006-591350	20061101
	US 2007100009	A1	20070503	US 2006-591349	20061101
	US 2007100011	A1	20070503	US 2006-591400	20061101
	US 2007102021	A1	20070510	US 2006-591401	20061101
	US 2007105738	A1	20070510	US 2006-591650	20061101
	WO 2007053670	A2	20070510	WO 2006-US42623	20061101
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	WO 2007053672	A2	20070510	WO 2006-US42633	20061101
	WO 2007053672	A3	20070628		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	WO 2007053673	A2	20070510	WO 2006-US42634	20061101

WO 2007053673 A3 20070705
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

WO 2007053674 A2 20070510 WO 2006-US42635 20061101
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

WO 2007053675 A2 20070510 WO 2006-US42636 20061101
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI US 2005-732090P P 20051101
US 2005-732771P P 20051101
OS MARPAT 146:482943

L9 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
AN 2007:484988 CAPLUS
DN 146:484217
TI Direct conversion of HCFC 225ca/cb mixture to HFC 245cb and HFC 1234yf
IN Nair, Haridasan; Mukhopadhyay, Sudip; Van Der Puy, Michael
PA Honeywell International Inc., USA
SO U.S. Pat. Appl. Publ., 6pp.
CODEN: USXXCO

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007096053	A1	20070503	US 2005-265949	20051103
	WO 2007086972	A2	20070802	WO 2006-US42704	20061031
	WO 2007086972	A3	20071004		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,				

RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
 TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

PRAI US 2005-265949 A 20051103

L9 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:484395 CAPLUS

DN 146:468564

TI Aerosol propellants comprising unsaturated fluorocarbons

IN Nappa, Mario Joseph; Creazzo, Joseph Anthony; Sievert, Allen Capron;
 Swearingen, Ekaterina N.

PA USA

SO U.S. Pat. Appl. Publ., 13pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007098646	A1	20070503	US 2006-590344	20061030
	WO 2007053671	A1	20070510	WO 2006-US42632	20061101
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRAI US 2005-732292P P 20051101

OS MARPAT 146:468564

L9 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:1150221 CAPLUS

DN 145:473771

TI Fluoroolefin-based fluorocarbon-hydrocarbon mixtures as working fluids, heat transfer agents, and fire extinguishers

IN Minor, Barbara Haviland; Rao, Velliyur Nott Mallikarjuna; Bivens, Donald Bernard; Pertti, Deepak; Baunchalk, Mark Steven

PA USA

SO U.S. Pat. Appl. Publ., 77pp., Cont.-in-part of U.S. Ser. No. 369,227.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006243945	A1	20061102	US 2006-393109	20060330
	US 2006243944	A1	20061102	US 2006-369227	20060302
PRAI	US 2005-658543P	P	20050304		
	US 2005-710439P	P	20050823		
	US 2005-732769P	P	20051101		
	US 2006-369227	A2	20060302		
OS	MARPAT 145:473771				

L9 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:917627 CAPLUS
 DN 145:317314
 TI Low-ozone-depletion and low-global-warming-potential working fluids
 containing C3-fluoroolefins
 IN Minor, Barbara Haviland; Rao, Velliyur Nott Mallikarjuna; Bivens, Donald
 Bernard; Perti, Deepak
 PA E.I. Dupont de Nemours and Company, USA
 SO PCT Int. Appl., 177 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006094303	A2	20060908	WO 2006-US8164	20060303
	WO 2006094303	A3	20070621		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,				
	KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,				
	MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,				
	SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,				
	VN, YU, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				
	CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,				
	GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
	US 2006243944	A1	20061102	US 2006-369227	20060302
	AU 2006218376	A1	20060908	AU 2006-218376	20060303
	IN 2007DN06834	A	20070921	IN 2007-DN6834	20070903
PRAI	US 2005-658543P	P	20050304		
	US 2005-710439P	P	20050823		
	US 2005-732769P	P	20051101		
	US 2006-369227	A	20060302		
	WO 2006-US8164	W	20060303		
OS	MARPAT 145:317314				

L9 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2006:469480 CAPLUS
 DN 144:490632
 TI Processes for production and purification of hydrofluoroolefins
 IN Miller, Ralph Newton; Nappa, Mario Joseph; Rao, Velliyur Nott
 Mallikarjuna; Sievert, Allen Capron
 PA USA
 SO U.S. Pat. Appl. Publ., 27 pp., Cont.-in-part of U.S. Ser. No. 259,901.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006106263	A1	20060518	US 2005-264183	20051101
	US 2006094911	A1	20060504	US 2005-259901	20051027
	EP 1805124	A2	20070711	EP 2005-819557	20051028
	R:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,				
	BA, HR, MK, YU				
	WO 2007053178	A1	20070510	WO 2006-US13361	20060411
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,				
	KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,				
	MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,				

SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
 VN, YU, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

PRAI US 2004-623210P P 20041029
 US 2005-259901 A2 20051027
 WO 2005-US39169 W 20051028
 US 2005-264183 A 20051101

OS CASREACT 144:490632

L9 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:371000 CAPLUS

DN 140:377043

TI Compositions containing fluorine substituted olefins

IN Singh, Rajiv R.; Pham, Hang T.; Wilson, David P.; Thomas, Raymond H.

PA Honeywell International Inc., USA

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 24

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004037913	A2	20040506	WO 2003-US33874	20031027
	WO 2004037913	A3	20050120		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2503421	A1	20040506	CA 2003-2503421	20031027
	AU 2003286685	A1	20040513	AU 2003-286685	20031027
	US 2004127383	A1	20040701	US 2003-694079	20031027
	US 6858571	B2	20050222		
	EP 1563032	A2	20050817	EP 2003-777896	20031027
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	BR 2003015633	A	20050823	BR 2003-15633	20031027
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PRAI US 2002-421263P P 20021025
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L9 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:185482 CAPLUS

DN 136:255880

TI Dry etching gas and method for dry etching

IN Hirose, Masataka; Nakamura, Shingo; Itano, Mitsushi; Aoyama, Hirokazu

PA Daikin Industries, Ltd., Japan

SO PCT Int. Appl., 18 pp.

CODEN: PIXXD2

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002021586	A1	20020314	WO 2001-JP7678	20010905
	W: JP, KR, US				
	TW 507289	B	20021021	TW 2001-90122127	20010906
	US 2004011763	A1	20040122	US 2003-362973	20030306
PRAI	JP 2000-271709	A	20000907		
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RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L9 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1961:2127 CAPLUS

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TI Reactions of fluoro olefins. XIII. Catalytic hydrogenation of perfluoro olefins

AU Knunyants, I. L.; Krasuskaya, M. P.; Mysov, E. I.

CS Inst. Heteroorg. Compds., Moscow

SO Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1960) 1412-18

CODEN: IASKA6; ISSN: 0002-3353

DT Journal

LA Unavailable

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(FILE 'HOME' ENTERED AT 11:22:51 ON 30 OCT 2007)

FILE 'REGISTRY' ENTERED AT 11:23:01 ON 30 OCT 2007

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L2	0 S 1,1,1,2-PENTAFLUOROPROPYLENE
L3	0 S HFO-1234
L4	28 S PENTAFLUOROPROPENE
L5	33 S TETRAFLUOROPROPENE

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FILE 'CAPLUS' ENTERED AT 11:31:47 ON 30 OCT 2007

L6	78 S 754-12-1/RN
L7	78 S 754-12-1/RN FULL
L8	47 S 2252-83-7/RN FULL
L9	12 S 2252-83-7/RN AND 754-12-1/RN FULL
L10	3 S 2252-83-7/RN AND LUBRICANT